



















Worklist: 2088

<u>LAB CASE</u>	<u>ITEM</u>	<u>TASK ID</u>	<u>DESCRIPTION</u>	
C2017-2481	1	103242	AM 28 Blood Multi-Drug Quant	
C2017-2492	1	103243	AM 28 Blood Multi-Drug Quant	
C2017-2493	2	103244	AM 28 Blood Multi-Drug Quant	
C2017-2520	1	103245	AM 28 Blood Multi-Drug Quant	
C2017-2530	1	103246	AM 28 Blood Multi-Drug Quant	
C2017-2531	2	103247	AM 28 Blood Multi-Drug Quant	
C2017-2534	1	103248	AM 28 Blood Multi-Drug Quant	
C2017-2535	1	103249	AM 28 Blood Multi-Drug Quant	
C2017-2536	1	103250	AM 28 Blood Multi-Drug Quant	
C2017-2542	1	103251	AM 28 Blood Multi-Drug Quant	
M2017-4285	1	102455	AM 28 Blood Multi-Drug Quant	
M2017-5241	1	103252	AM 28 Blood Multi-Drug Quant	
M2017-5347	2	103253	AM 28 Blood Multi-Drug Quant	
M2017-5462	1	103254	AM 28 Blood Multi-Drug Quant	
M2017-5506	1	103255	AM 28 Blood Multi-Drug Quant	
M2017-5506	2	103256	AM 28 Blood Multi-Drug Quant	
M2017-5615	2	103257	AM 28 Blood Multi-Drug Quant	
M2017-5616	9	103258	AM 28 Blood Multi-Drug Quant	



Multi-Drug Quantitation in Blood by LC-MS/M

Extraction Date: 12-19-17
Plate lot#: 0507680

Analyst: Anne Nored
Plate Expiration: 5/31/2018 6-5-2018 amn

Mobile phase A: 5mM Amm Form + 0.01% FA
0.5M Ammonium Hydroxide
20% Methanol in Water

Mobile phase B: 0.01% Formic Acid in MeOH
Ethyl Acetate

Blank Blood Lot: 321632-1
LCMS-QQQ ID: 62340

Column: Agilent 120 EC-C18 (2.1x 100-4um)

Pre-Analytic:

- 1. Check levels of mobile phases and needle wash refill as needed. Ensure waste is not full.
- 2. Ensure correct column is installed and begin mobile phase flow allow to equilibrate ~ 30 minutes.
- 3. Create worklist:

Analytic:

- 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
- 2. Pipette **250µL blood (calibrated pipette) Pipette ID: 2609543** in wells of analytical (standards) plate. 390993 amn
- 3. Place on shaking incubator at ambient temp., 900rpm for 15 minutes. *Shaker ID: 66759*
- 4. Pipette **250µL 0.5M ammonium hydroxide** in wells of analytical plate.
- 5. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 6. Transfer **300µL of blood+base** mixture to corresponding wells of SLE+ plate.
- 7. Apply positive pressure for approx. 10-15 seconds (or until no liquid remains on top of sorbent).
(Load at 85-100 PSI- Selector to the right) Manifold ID: 66792
- 8. Wait 5 minutes.
- 9. Add **900uL ethyl acetate**.
- 10. Wait 5 minutes.
- 11. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left)*.
- 12. Add **900uL ethyl acetate**.
- 13. Wait 5 minutes.
- 14. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left)*.
- 15. Remove plate containing eluate. Place on SPE Dry and evaporate to dryness at approx. 35°C.
SPE Dry ID: 66819
- 16. Reconstitute in **100µL 20% MeOH** and heat seal plate with foil. Place in autosampler and run worklist.

Post-Analytic

- 1. Create batch and process data.
Worklist path: 121917 mda pl and p2 Batch Name: 121917 mda pl br
- 2. Make necessary changes to integration limits
- 3. Integration linear and r^2 values ≥ 0.98 for each analyte.
- 4. For unknown samples and controls: response ratio within 20% of average of controls and standards, RT within +/- 5%, S/N for primary and secondary transitions > 10 .
- 5. Did all QCs pass for each analyte? Y/N _____
- 6. Central File Packet to include: LIMS Worklist, Method Checklist, Calibration and Control Reports

COMMENTS: curves limited
Lorazepam 5-50
Nor hydrocodone 25-1000
Nor fentanyl 2.5-100
Oxazepam 10-1000
Sufentanyl 2.5-100



Toxicology AM method 28 panel 1 external prep information
working solution 10000 ng/ml in meoh morphine, dextromethorphan, lorazepam, oxazepam
Stock solution 1mg/ml 100 ul each in 9600 ul meOH lot (Fisher 168427)
Ppd 8/17/17 Exp: 2/17/18 lot 21718 by AMN

Drug	lot	expiration
Morphine	fe08141515	11/1/2020
dextromethorphan	fn07231501	7/1/2020
Lorazepam	fe04231401	5/1/2019
Oxazepam	fe08141401	10/1/2018

AM 28 control 50 ul working solution lot (21717) in 9950 ul blood lot (321632)
ppd 8/17/17 Exp 2/17/18 by AMN Concentration 50 ng/ml each



ISP FORENSICS - Cd'A Instrument # 62340

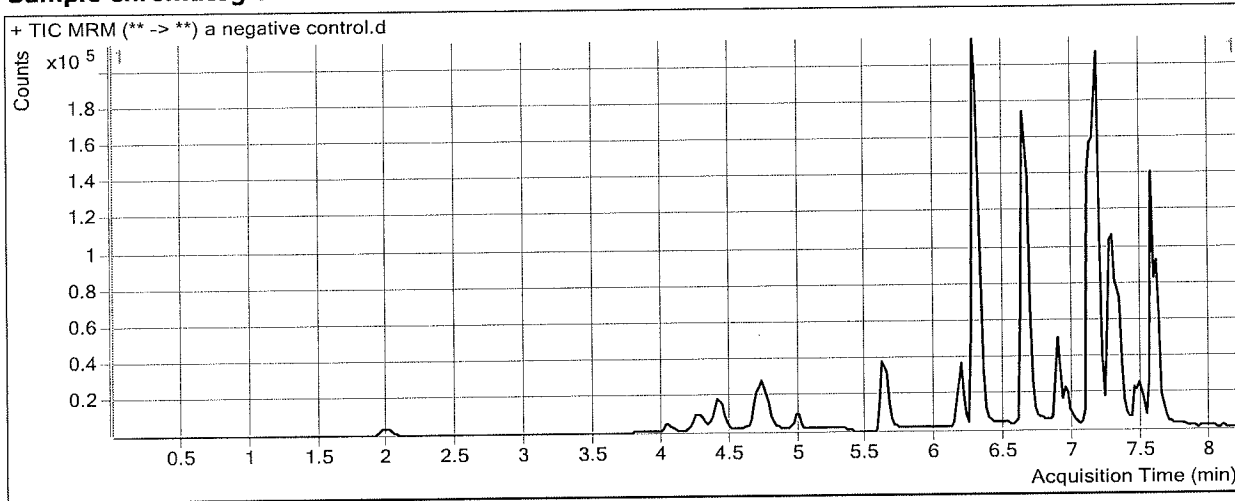
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1a.batch.bin
Analysis Time 12/21/2017 10:07 AM **Analyst Name** ISP Tox
Report Time 12/21/2017 10:11 AM **Reporter Name** ISP Tox
Last Calib Update 12/21/2017 10:06 AM **Batch State** Processed

Analysis Info

Acq Time 2017-12-19 20:11 **Data File** a negative control.d
Sample Type Sample **Sample Name** a negative control
Dilution 1 **Acq Method** Quant Panel 1a 10-17.m
Position P1-E2 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Hydromorphone	Hydromorphone-D6	2.049	1695	27556	0.0615	0.9668 \angle 5

ISP FORENSICS - Cd'A Instrument # 62340

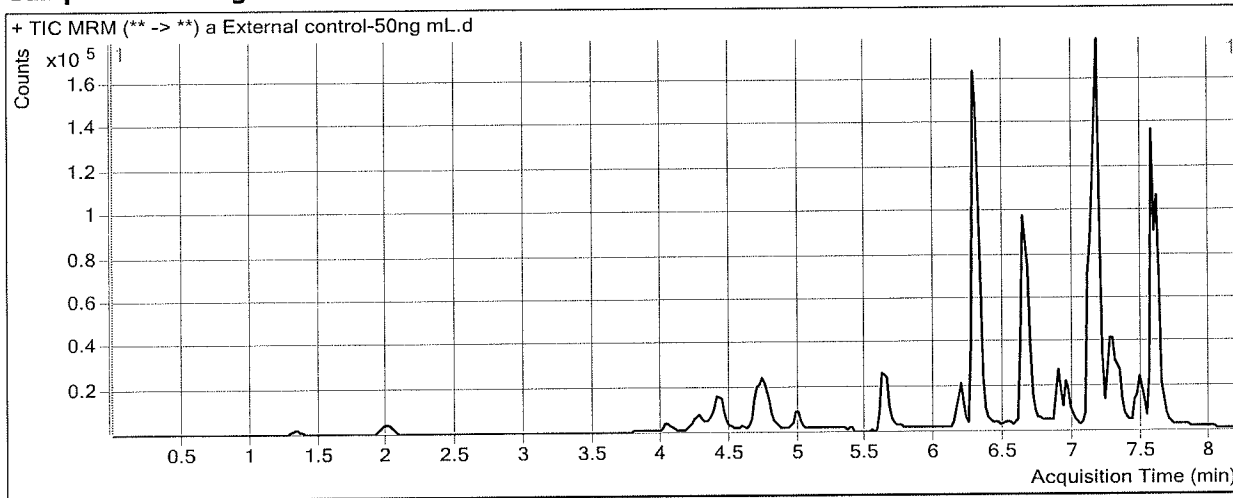
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1a.batch.bin
Analysis Time 12/21/2017 10:07 AM **Analyst Name** ISP Tox
Report Time 12/21/2017 10:11 AM **Reporter Name** ISP Tox
Last Calib Update 12/21/2017 10:06 AM **Batch State** Processed

Analysis Info

Acq Time	2017-12-19 20:36	Data File	a External control-50ng mL.d
Sample Type	Sample	Sample Name	a External control-50ng mL
Dilution	1	Acq Method	Quant Panel 1a 10-17.m
Position	P1-F2	Sample Info	
Inj Vol	-1	Comment	AM 28; lot 21718 50 ng morphine, dextromethorphan lorazepam

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.348	5843	1817	3.2163	30.3846
Dextromethorphan	Dextromethorphan-D3	7.268	4912	6622	0.7417	34.1932
Lorazepam	Alprazolam-D5	7.602	33915	170037	0.1995	44.1284

ISP FORENSICS - Cd'A Instrument # 62340

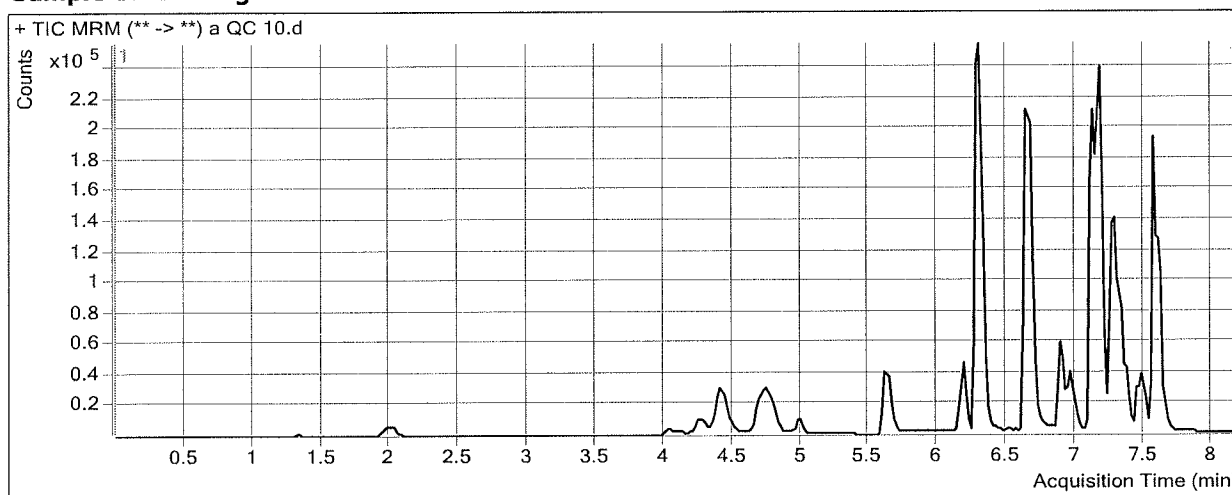
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1a.batch.bin
Analysis Time 12/21/2017 10:07 AM **Analyst Name** ISP Tox
Report Time 12/21/2017 10:11 AM **Reporter Name** ISP Tox
Last Calib Update 12/21/2017 10:06 AM **Batch State** Processed

Analysis Info

Acq Time 2017-12-19 21:02 **Data File** a QC 10.d
Sample Type QC **Sample Name** a QC 10
Dilution 1 **Acq Method** Quant Panel 1a 10-17.m
Position P1-A2 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.348	1817	1858	0.9777	9.9637
Hydromorphone	Hydromorphone-D6	2.029	8573	27318	0.3138	9.4608
Codeine	Codeine-D6	4.115	3795	16671	0.2276	9.0819
Amphetamine	Amphetamine-D11	4.403	48952	41418	1.1819	8.7503
Oxycodone	Oxycodone-D6	4.469	17536	73417	0.2389	9.5109
Hydrocodone	Hydrocodone-D6	4.794	13569	74374	0.1824	9.2433
Norhydrocodone	Norhydrocodone-D3	4.799	784	23827	0.0329	9.5067
Methamphetamine	Methamphetamine-D11	4.821	21650	77331	0.2800	9.1267
6-MAM	6-MAM-D6	5.008	733	27898	0.0263	0.9951
Phentermine	Phentermine-D5	5.686	9228	149168	0.0619	9.2320
Dextroprphan	Dextroprphan-D3	6.183	12101	103929	0.1164	8.8594
7-aminoclonazepam	7-Aminoclonazepam-D4	6.292	19715	86102	0.2290	8.7474
Tramadol	Tramadol-13C-D3	6.302	128149	628281	0.2040	9.4010
Doxylamine	Doxylamine-D5	6.662	113051	535457	0.2111	10.0095
Bupropion	Bupropion-D9	6.910	30652	160273	0.1913	8.2321
Meprobamate	Meprobamate-D7	6.992	30302	55360	0.5474	29.8343
Zolpidem	Zolpidem-D6	7.183	99266	516097	0.1923	8.9535
Venlafaxine	Venlafaxine-D6	7.125	106724	486334	0.2194	9.5131
Citalopram	Citalopram-D6	7.237	27890	142465	0.1958	8.7371
Dextromethorphan	Dextromethorphan-D3	7.268	4064	22730	0.1788	9.8192
Trazodone	Trazodone-D6	7.356	42015	179710	0.2338	9.4135
Diphenhydramine	Diphenhydramine-D3	7.291	44236	236721	0.1869	9.8990
Promethazine	Promethazine-D3	7.466	9490	53660	0.1768	9.0807

outside curve range

ISP FORENSICS - Cd'A Instrument # 62340
Multi-Drug Confirmatory Analysis Report

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clonazepam	Clonazepam-D4	7.482	19012	27681	0.6868	9.0276
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.560	6573	32843	0.2001	9.5601
Carisoprodol	Carisoprodol-D7	7.572	62411	279695	0.2231	11.1228
Lorazepam	Alprazolam-D5	7.602	10302	174718	0.0590	10.4343
Alprazolam	Alprazolam-D5	7.626	45758	174718	0.2619	9.9315



ISP FORENSICS - Cd'A Instrument # 62340

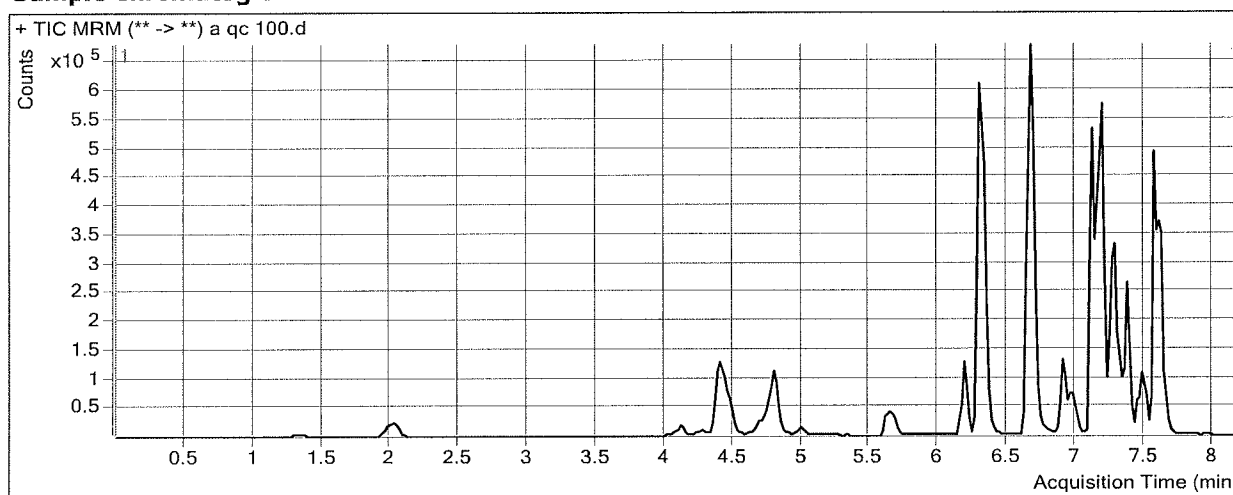
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1a.batch.bin
Analysis Time 12/21/2017 10:07 AM **Analyst Name** ISP Tox
Report Time 12/21/2017 10:11 AM **Reporter Name** ISP Tox
Last Calib Update 12/21/2017 10:06 AM **Batch State** Processed

Analysis Info

Acq Time 2017-12-20 00:24 **Data File** a qc 100.d
Sample Type QC **Sample Name** a qc 100
Dilution 1 **Acq Method** Quant Panel 1a 10-17.m
Position P1-B2 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.348	16525	1936	8.5333	78.8887
Hydromorphone	Hydromorphone-D6	2.029	78761	25937	3.0366	101.1372
Codeine	Codeine-D6	4.115	36660	14698	2.4942	93.5762
Amphetamine	Amphetamine-D11	4.423	331539	38684	8.5705	103.9588
Oxycodone	Oxycodone-D6	4.469	159956	64807	2.4682	102.3935
Hydrocodone	Hydrocodone-D6	4.794	123147	65498	1.8802	107.2831
Norhydrocodone	Norhydrocodone-D3	4.799	9024	21567	0.4184	101.6341
Methamphetamine	Methamphetamine-D11	4.821	192377	73973	2.6006	109.6882
6-MAM	6-MAM-D6	5.008	6370	26593	0.2395	8.8411
Phentermine	Phentermine-D5	5.686	86557	133850	0.6467	107.7430
Dextrophan	Dextrophan-D3	6.183	108743	89026	1.2215	98.3255
7-aminoclonazepam	7-Aminoclonazepam-D4	6.312	169791	73522	2.3094	104.7971
Tramadol	Tramadol-13C-D3	6.302	1061093	535787	1.9804	104.3937
Doxylamine	Doxylamine-D5	6.662	1062683	483072	2.1998	109.9276
Bupropion	Bupropion-D9	6.910	226337	112107	2.0189	95.8617
Meprobamate	Meprobamate-D7	6.992	90163	48874	1.8448	99.5964
Zolpidem	Zolpidem-D6	7.183	915051	448468	2.0404	104.9427
Venlafaxine	Venlafaxine-D6	7.125	890307	411684	2.1626	99.4510
Citalopram	Citalopram-D6	7.237	243817	110887	2.1988	100.8086
Dextromethorphan	Dextromethorphan-D3	7.268	32537	15568	2.0899	92.5767
Trazodone	Trazodone-D6	7.356	374341	162897	2.2980	97.6141
Diphenhydramine	Diphenhydramine-D3	7.291	370735	204435	1.8135	98.9058
Promethazine	Promethazine-D3	7.446	76267	42954	1.7756	97.5880

ISP FORENSICS - Cd'A Instrument # 62340
Multi-Drug Confirmatory Analysis Report

QC 100
Pla ~~QA~~

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clonazepam	Clonazepam-D4	7.482	142137	20402	6.9669	96.4329
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.560	49507	22594	2.1912	97.1347
Carisoprodol	Carisoprodol-D7	7.572	422908	219223	1.9291	104.1679
Lorazepam	Alprazolam-D5	7.602	45026	140353	0.3208	73.2318
Alprazolam	Alprazolam-D5	7.626	362773	140353	2.5847	100.7816

outside
curve
range

ISP FORENSICS - Cd'A Instrument # 62340

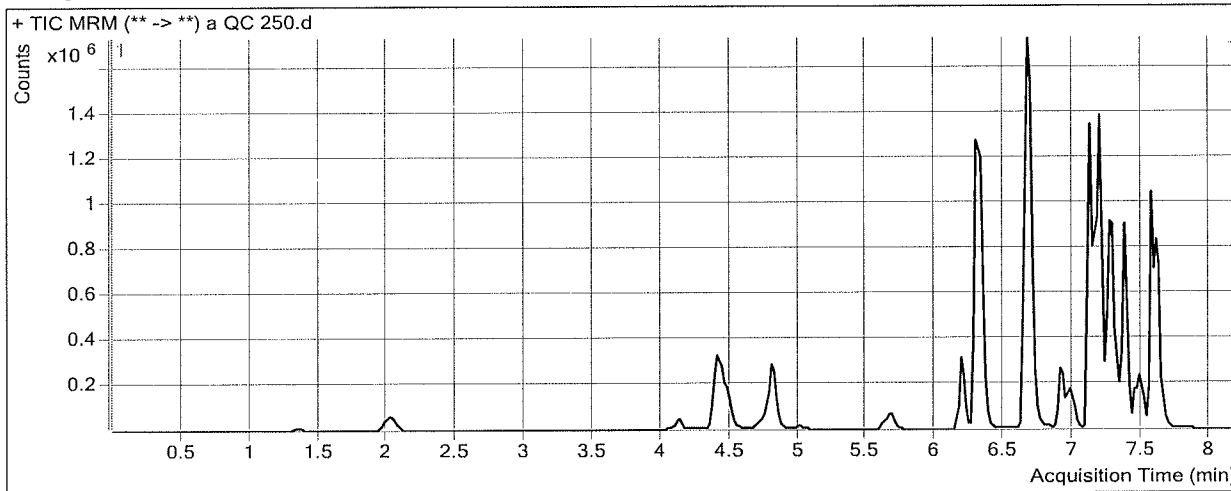
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1a.batch.bin
Analysis Time 12/21/2017 10:07 AM **Analyst Name** ISP Tox
Report Time 12/21/2017 10:11 AM **Reporter Name** ISP Tox
Last Calib Update 12/21/2017 10:06 AM **Batch State** Processed

Analysis Info

Acq Time 2017-12-20 03:59 **Data File** a QC 250.d
Sample Type QC **Sample Name** a QC 250
Dilution 1 **Acq Method** Quant Panel 1a 10-17.m
Position P1-C2 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.348	44047	2204	19.9877	183.3805
Hydromorphone	Hydromorphone-D6	2.029	218454	27684	7.8911	264.5829
Codeine	Codeine-D6	4.134	97957	15268	6.4160	239.7737
Amphetamine	Amphetamine-D11	4.423	843079	44182	19.0820	239.4089
Oxycodone	Oxycodone-D6	4.469	460528	76273	6.0379	251.1207
Hydrocodone	Hydrocodone-D6	4.794	342848	75506	4.5407	260.9226
Norhydrocodone	Norhydrocodone-D3	4.818	25629	23724	1.0803	259.7887
Methamphetamine	Methamphetamine-D11	4.821	496923	76209	6.5205	279.5507
6-MAM	6-MAM-D6	5.008	18297	28728	0.6369	23.4629
Phentermine	Phentermine-D5	5.686	221227	140727	1.5720	263.6206
Dextrophan	Dextrophan-D3	6.183	336519	107162	3.1403	253.6745
7-aminoclonazepam	7-Aminoclonazepam-D4	6.312	447568	76946	5.8166	266.7214
Tramadol	Tramadol-13C-D3	6.302	2921238	600978	4.8608	258.4147
Doxylamine	Doxylamine-D5	6.662	3018655	592014	5.0990	255.5868
Bupropion	Bupropion-D9	6.930	539336	110529	4.8796	233.0171
Meprobamate	Meprobamate-D7	6.992	241600	53713	4.4979	242.2512
Zolpidem	Zolpidem-D6	7.183	2476138	498333	4.9688	257.0486
Venlafaxine	Venlafaxine-D6	7.125	2717317	491905	5.5241	255.0354
Citalopram	Citalopram-D6	7.237	789657	147694	5.3466	245.5003
Dextromethorphan	Dextromethorphan-D3	7.268	123177	21709	5.6741	247.7819
Trazodone	Trazodone-D6	7.356	1354683	245491	5.5183	235.2092
Diphenhydramine	Diphenhydramine-D3	7.291	1304375	281126	4.6398	253.5632
Promethazine	Promethazine-D3	7.446	280082	58789	4.7642	263.0424

ISP FORENSICS - Cd'A Instrument # 62340
Multi-Drug Confirmatory Analysis Report

Pa QC 250

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clonazepam	Clonazepam-D4	7.482	319051	17635	18.0919	251.2677
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.540	116148	22051	5.2673	232.4395
Carisoprodol	Carisoprodol-D7	7.572	1037995	209356	4.9580	269.3666
Lorazepam	Alprazolam-D5	7.602	104604	140292	0.7456	175.1142
Alprazolam	Alprazolam-D5	7.626	902276	140292	6.4314	251.2333

*outside
curve
range*



ISP FORENSICS - Cd'A Instrument # 62340

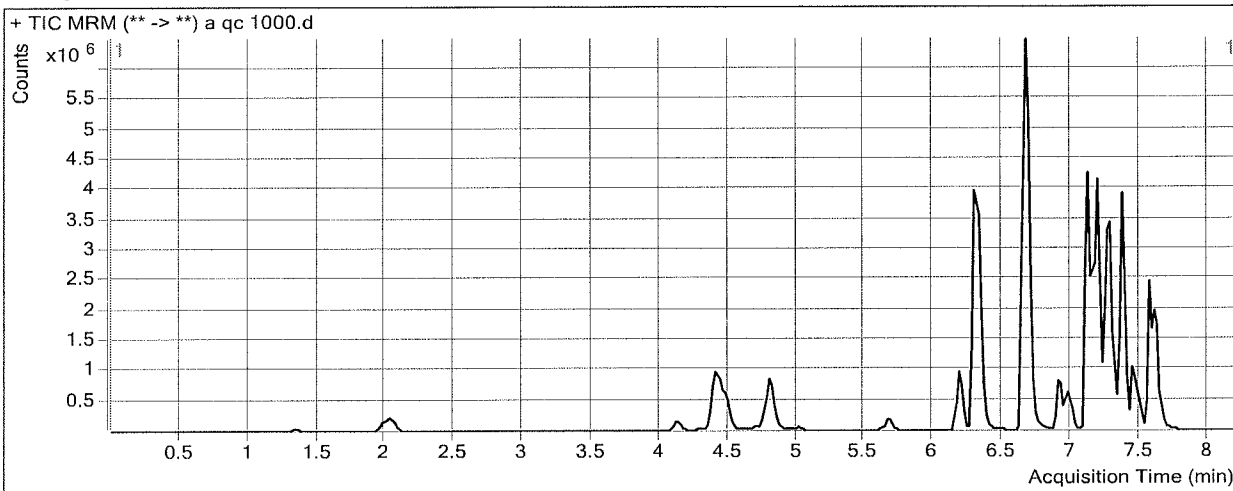
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1a.batch.bin
Analysis Time 12/21/2017 10:07 AM **Analyst Name** ISP Tox
Report Time 12/21/2017 10:11 AM **Reporter Name** ISP Tox
Last Calib Update 12/21/2017 10:06 AM **Batch State** Processed

Analysis Info

Acq Time 2017-12-20 04:25 **Data File** a qc 1000.d
Sample Type QC **Sample Name** a qc 1000
Dilution 1 **Acq Method** Quant Panel 1a 10-17.m
Position P1-D2 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.348	154003	1903	80.9090	739.1301
Hydromorphone	Hydromorphone-D6	2.029	811632	25510	31.8161	1070.1224
Codeine	Codeine-D6	4.134	333596	12683	26.3033	981.1332
Amphetamine	Amphetamine-D11	4.423	2530294	39228	64.5016	824.6803
Oxycodone	Oxycodone-D6	4.469	1840794	75822	24.2779	1011.0648
Hydrocodone	Hydrocodone-D6	4.794	1234191	69426	17.7772	1025.3061
Norhydrocodone	Norhydrocodone-D3	4.799	91591	19249	4.7583	1138.6762
Methamphetamine	Methamphetamine-D11	4.821	1465587	66319	22.0990	954.6175
6-MAM	6-MAM-D6	5.008	68185	26592	2.5641	94.3758
Phentermine	Phentermine-D5	5.686	697159	120775	5.7724	971.1720
Dextrophan	Dextrophan-D3	6.183	1200579	93726	12.8094	1036.5093
7-aminoclonazepam	7-Aminoclonazepam-D4	6.312	1226900	60627	20.2368	932.4798
Tramadol	Tramadol-13C-D3	6.302	10667525	554685	19.2317	1026.8630
Doxylamine	Doxylamine-D5	6.662	12159905	574722	21.1579	1062.4281
Bupropion	Bupropion-D9	6.910	1782357	91174	19.5491	936.3511
Meprobamate	Meprobamate-D7	6.992	892461	47545	18.7708	1009.6824
Zolpidem	Zolpidem-D6	7.183	8400179	435544	19.2867	1000.7259
Venlafaxine	Venlafaxine-D6	7.125	9861429	470448	20.9618	969.5643
Citalopram	Citalopram-D6	7.237	3062090	141346	21.6639	995.5456
Dextromethorphan	Dextromethorphan-D3	7.268	635277	31095	20.4301	886.7600
Trazodone	Trazodone-D6	7.356	6199898	285503	21.7157	927.2938
Diphenhydramine	Diphenhydramine-D3	7.291	5819199	308063	18.8896	1033.3084
Promethazine	Promethazine-D3	7.446	1864944	103209	18.0695	999.6485

ISP FORENSICS - Cd'A Instrument # 62340
Multi-Drug Confirmatory Analysis Report

Plu GC1000

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clonazepam	Clonazepam-D4	7.482	697983	11815	59.0753	821.6675
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.540	286237	12400	23.0840	1016.1056
Carisoprodol	Carisoprodol-D7	7.572	2699107	136019	19.8436	1081.2294
Lorazepam	Alprazolam-D5	7.602	218954	89499	2.4464	583.0218
Alprazolam	Alprazolam-D5	7.626	2380329	89499	26.5961	1039.9162

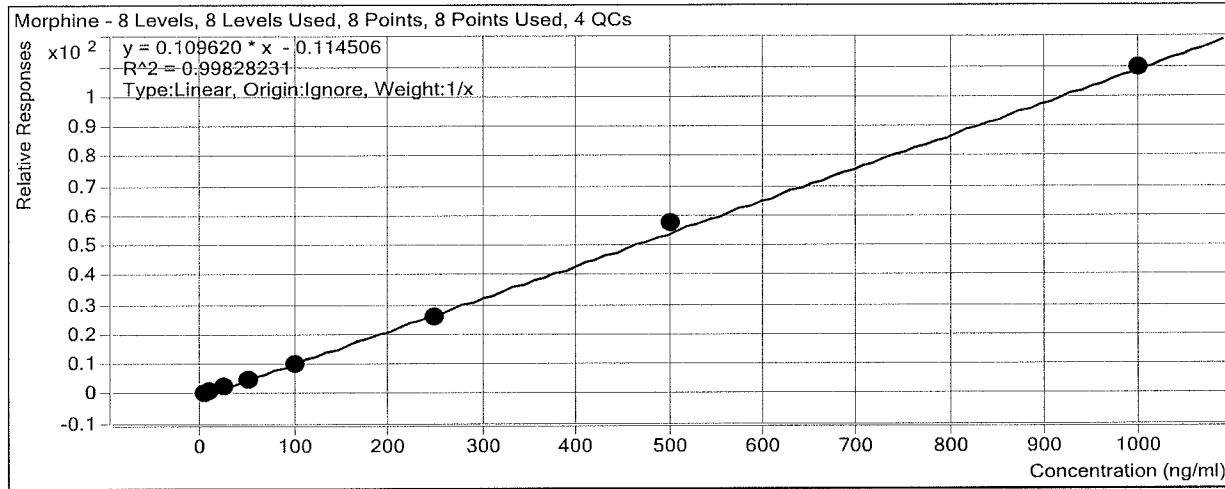
outside curve range

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1a.batch.bin

Last Calib Update 12/21/2017 10:06 AM **Analyst Name** ISP TOX

Target Compound *Morphine*
Internal Standard *Morphine-D6*



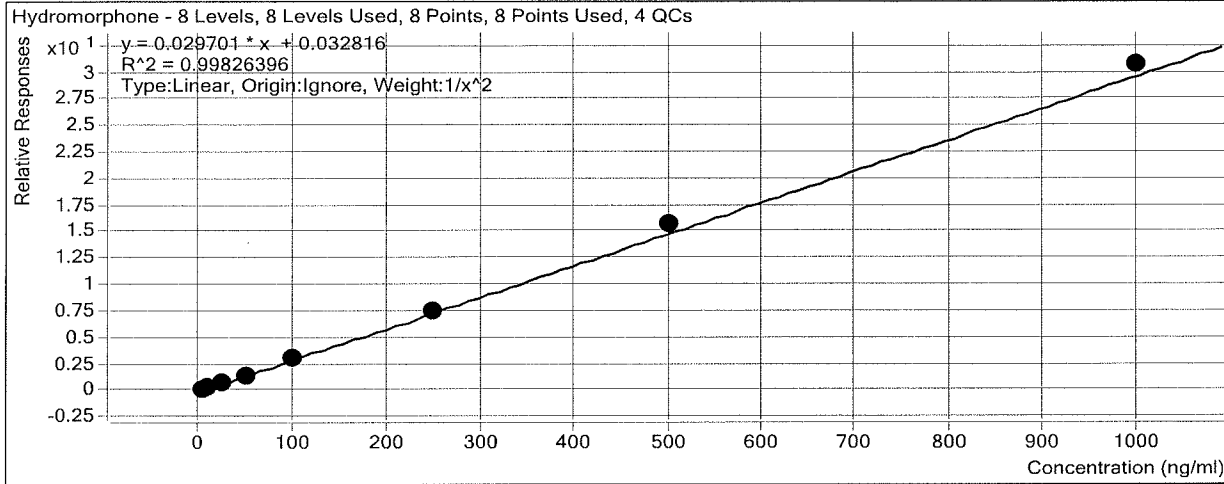
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	6.1	121.3
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.4	103.9
a QC 10	2	<input checked="" type="checkbox"/>	10	10.0	99.6
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	21.8	87.2
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	46.8	93.5
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	94.6	94.6
a qc 100	5	<input checked="" type="checkbox"/>	100	78.9	78.9
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	236.6	94.6
a QC 250	6	<input checked="" type="checkbox"/>	250	183.4	73.4
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	524.3	104.9
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	999.4	99.9
a qc 1000	8	<input checked="" type="checkbox"/>	1000	739.1	73.9

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1a.batch.bin

Last Calib Update 12/21/2017 10:06 AM **Analyst Name** ISP TOX

Target Compound *Hydromorphone*
Internal Standard *Hydromorphone-D6*



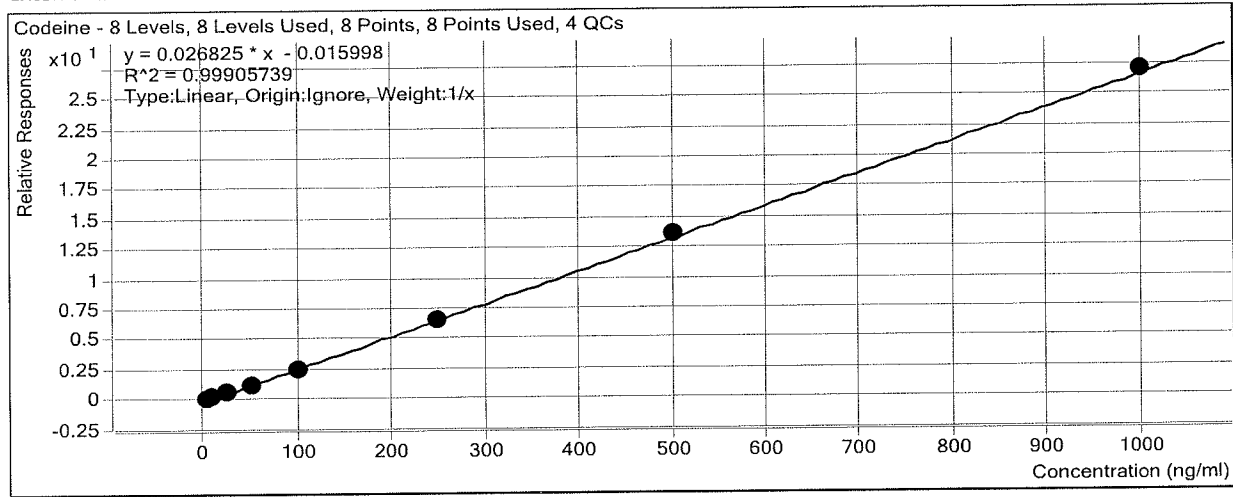
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	100.2
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.2	102.4
a QC 10	2	<input checked="" type="checkbox"/>	10	9.5	94.6
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.9	95.5
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.5	95.0
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	99.3	99.3
a qc 100	5	<input checked="" type="checkbox"/>	100	101.1	101.1
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	247.6	99.0
a QC 250	6	<input checked="" type="checkbox"/>	250	264.6	105.8
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	527.3	105.5
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1031.0	103.1
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1070.1	107.0

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1a.batch.bin

Last Calib Update 12/21/2017 10:06 AM **Analyst Name** ISP TOX

Target Compound Codeine
Internal Standard Codeine-D6



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.3	106.3
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	11.3	113.1
a QC 10	2	<input checked="" type="checkbox"/>	10	9.1	90.8
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.8	95.3
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.1	94.3
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	90.7	90.7
a qc 100	5	<input checked="" type="checkbox"/>	100	93.6	93.6
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	244.0	97.6
a QC 250	6	<input checked="" type="checkbox"/>	250	239.8	95.9
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	509.7	101.9
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1008.0	100.8
a qc 1000	8	<input checked="" type="checkbox"/>	1000	981.1	98.1

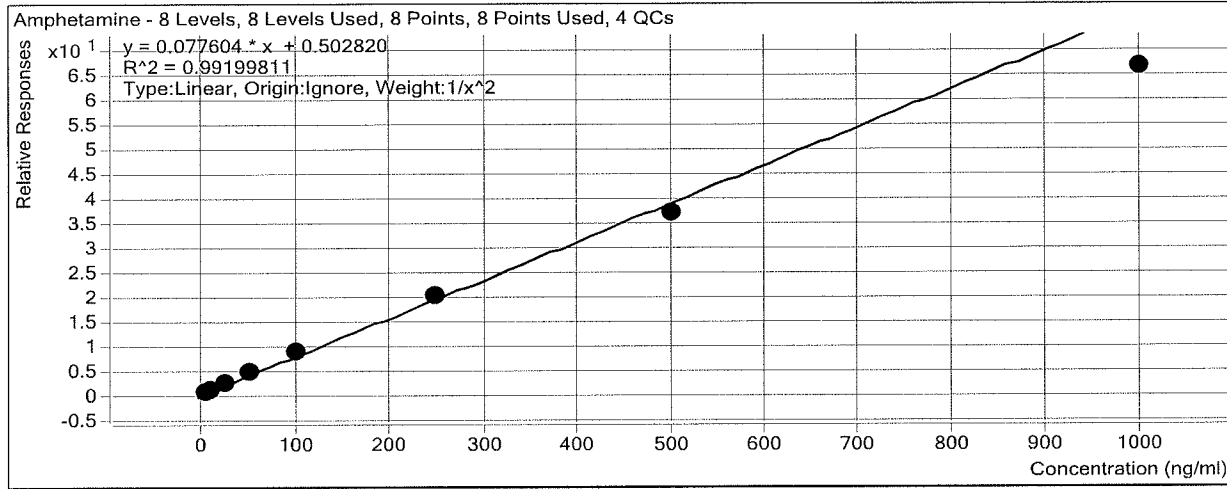
ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1a.batch.bin

Last Calib Update 12/21/2017 10:06 AM

Analyst Name ISP TOX

Target Compound Amphetamine
Internal Standard Amphetamine-D11



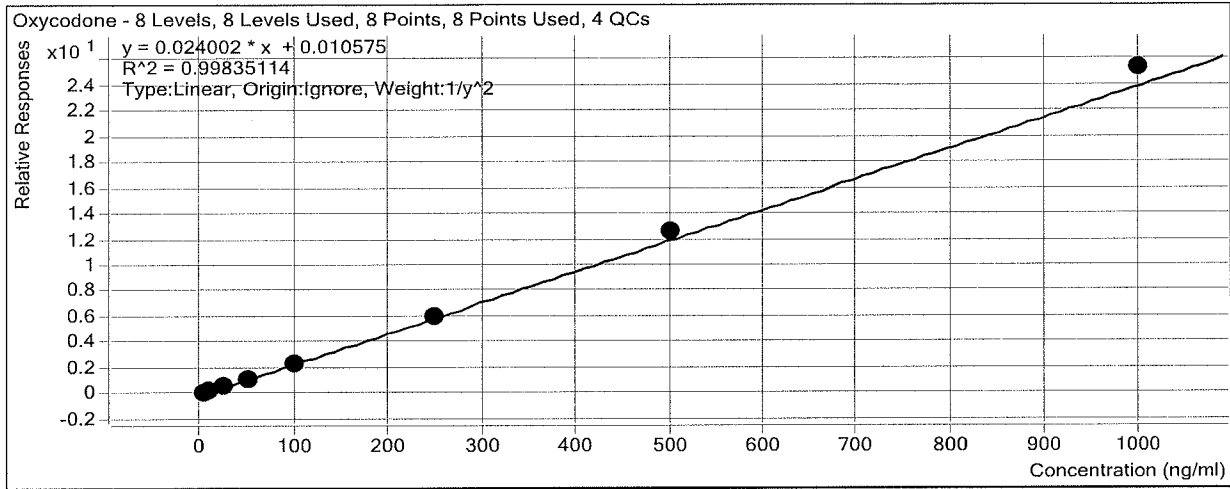
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.9	98.9
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.9	98.7
a QC 10	2	<input checked="" type="checkbox"/>	10	8.8	87.5
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.7	102.6
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	54.2	108.4
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	109.6	109.6
a qc 100	5	<input checked="" type="checkbox"/>	100	104.0	104.0
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	254.7	101.9
a QC 250	6	<input checked="" type="checkbox"/>	250	239.4	95.8
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	474.1	94.8
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	850.8	85.1
a qc 1000	8	<input checked="" type="checkbox"/>	1000	824.7	82.5

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1a.batch.bin

Last Calib Update 12/21/2017 10:06 AM **Analyst Name** ISP TOX

Target Compound Oxycodone
Internal Standard Oxycodone-D6



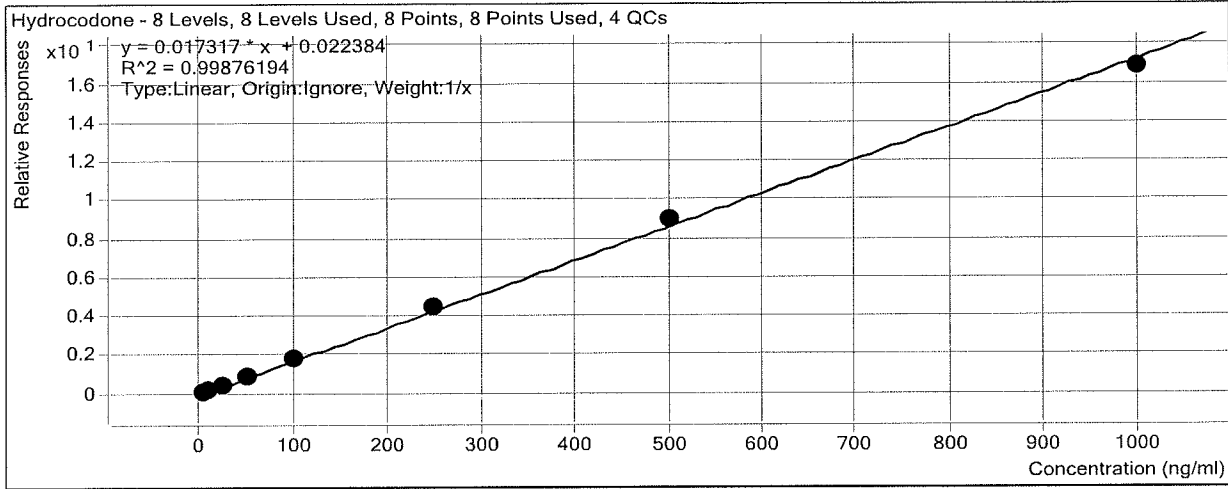
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	102.1
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.9	98.8
a QC 10	2	<input checked="" type="checkbox"/>	10	9.5	95.1
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.1	96.5
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.3	96.5
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	97.1	97.1
a qc 100	5	<input checked="" type="checkbox"/>	100	102.4	102.4
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	251.8	100.7
a QC 250	6	<input checked="" type="checkbox"/>	250	251.1	100.4
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	523.4	104.7
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1052.7	105.3
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1011.1	101.1

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1a.batch.bin

Last Calib Update 12/21/2017 10:06 AM **Analyst Name** ISP TOX

Target Compound *Hydrocodone*
Internal Standard *Hydrocodone-D6*



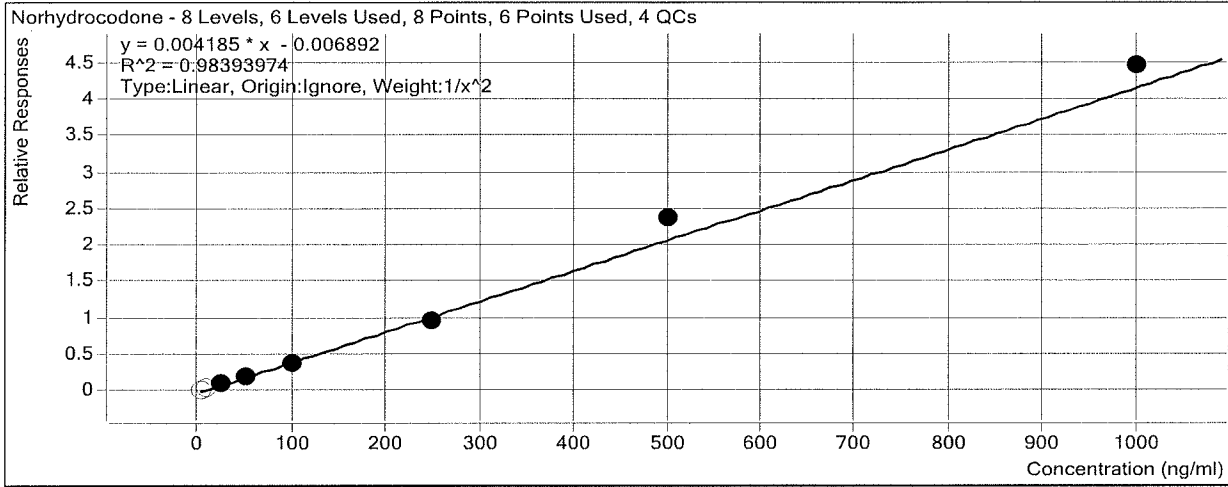
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	102.1
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.1	90.7
a QC 10	2	<input checked="" type="checkbox"/>	10	9.2	92.4
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.9	99.5
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.0	98.0
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	105.8	105.8
a qc 100	5	<input checked="" type="checkbox"/>	100	107.3	107.3
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	258.6	103.4
a QC 250	6	<input checked="" type="checkbox"/>	250	260.9	104.4
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	517.0	103.4
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	970.5	97.1
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1025.3	102.5

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1a.batch.bin

Last Calib Update 12/21/2017 10:06 AM **Analyst Name** ISP TOX

Target Compound *Norhydrocodone*
Internal Standard *Norhydrocodone-D3*



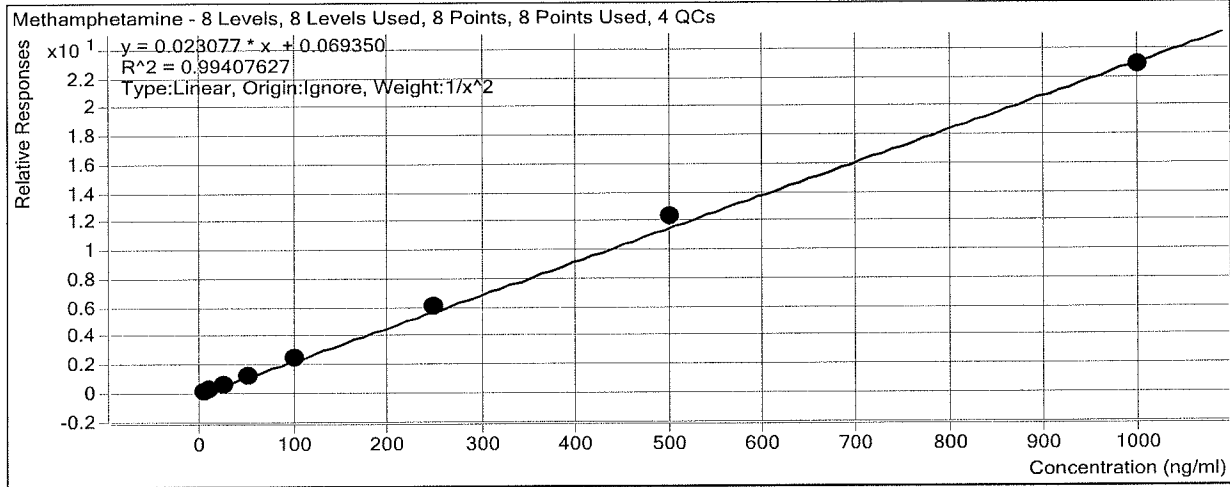
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input type="checkbox"/>	5	6.5	130.4
a cal 2-10ng	2	<input type="checkbox"/>	10	12.5	125.0
a QC 10	2	<input type="checkbox"/>	10	9.5	95.1
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.7	106.8
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	46.0	92.0
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	88.5	88.5
a qc 100	5	<input checked="" type="checkbox"/>	100	101.6	101.6
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	231.5	92.6
a QC 250	6	<input checked="" type="checkbox"/>	250	259.8	103.9
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	567.9	113.6
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1065.2	106.5
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1138.7	113.9

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1a.batch.bin

Last Calib Update 12/21/2017 10:06 AM **Analyst Name** ISP TOX

Target Compound *Methamphetamine*
Internal Standard *Methamphetamine-D11*



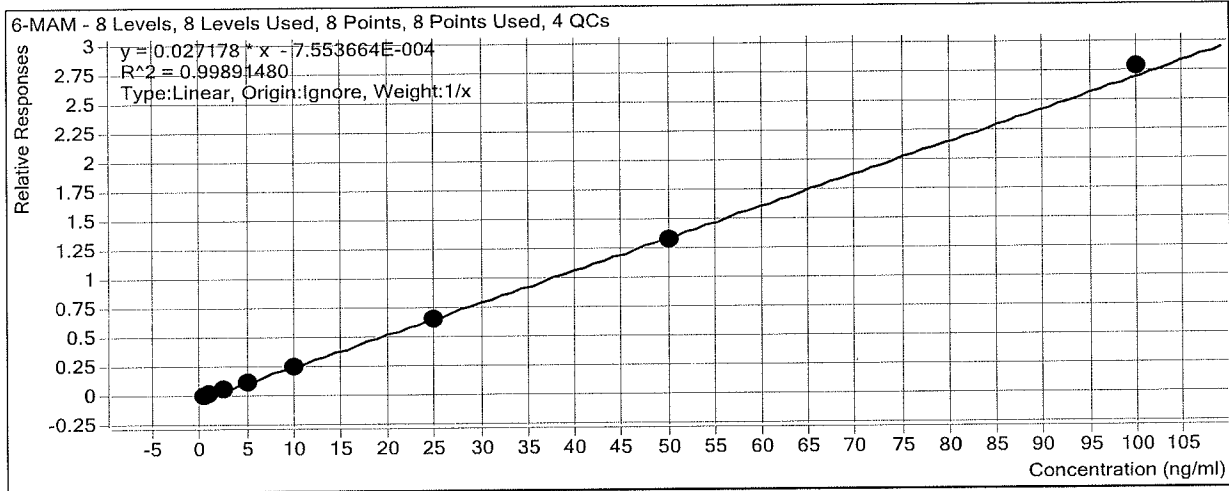
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.4	107.2
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	8.7	87.2
a QC 10	2	<input checked="" type="checkbox"/>	10	9.1	91.3
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.8	95.0
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.1	98.1
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	104.8	104.8
a qc 100	5	<input checked="" type="checkbox"/>	100	109.7	109.7
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	258.0	103.2
a QC 250	6	<input checked="" type="checkbox"/>	250	279.6	111.8
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	529.6	105.9
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	985.5	98.5
a qc 1000	8	<input checked="" type="checkbox"/>	1000	954.6	95.5

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1a.batch.bin

Last Calib Update 12/21/2017 10:06 AM **Analyst Name** ISP TOX

Target Compound 6-MAM
Internal Standard 6-MAM-D6



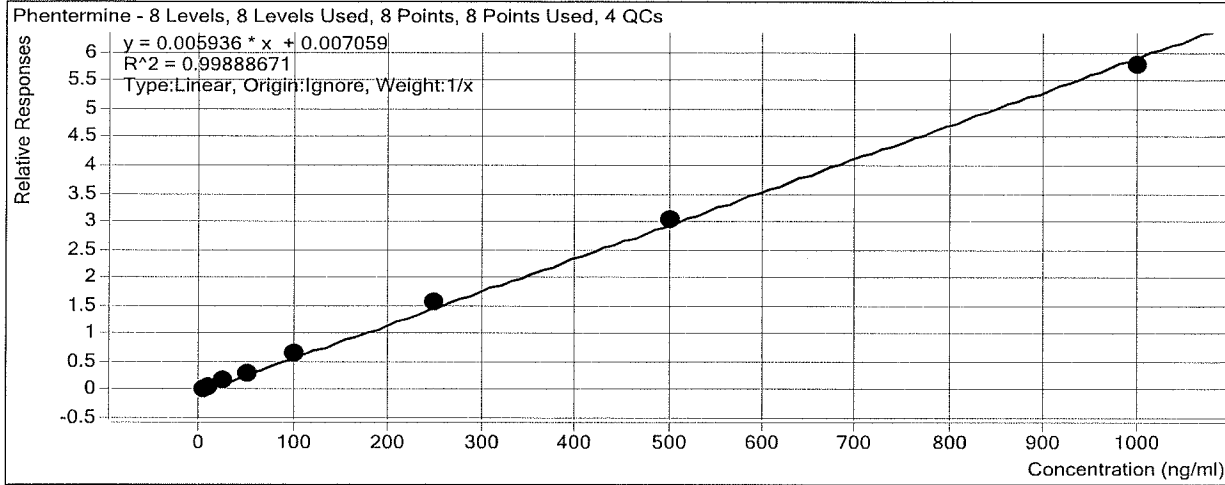
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	0.5	0.6	119.9
a cal 2-10ng	2	<input checked="" type="checkbox"/>	1	1.0	97.7
a QC 10	2	<input checked="" type="checkbox"/>	1	1.0	99.5
a cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.5	100.4
a cal 4-50ng	4	<input checked="" type="checkbox"/>	5	4.4	88.1
a cal 5-100ng	5	<input checked="" type="checkbox"/>	10	9.5	95.3
a qc 100	5	<input checked="" type="checkbox"/>	10	8.8	88.4
a cal 6-250ng	6	<input checked="" type="checkbox"/>	25	24.4	97.7
a QC 250	6	<input checked="" type="checkbox"/>	25	23.5	93.9
a cal 7-500ng	7	<input checked="" type="checkbox"/>	50	49.2	98.4
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	102.3	102.3
a qc 1000	8	<input checked="" type="checkbox"/>	100	94.4	94.4

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1a.batch.bin

Last Calib Update 12/21/2017 10:06 AM **Analyst Name** ISP TOX

Target Compound *Phentermine*
Internal Standard *Phentermine-D5*



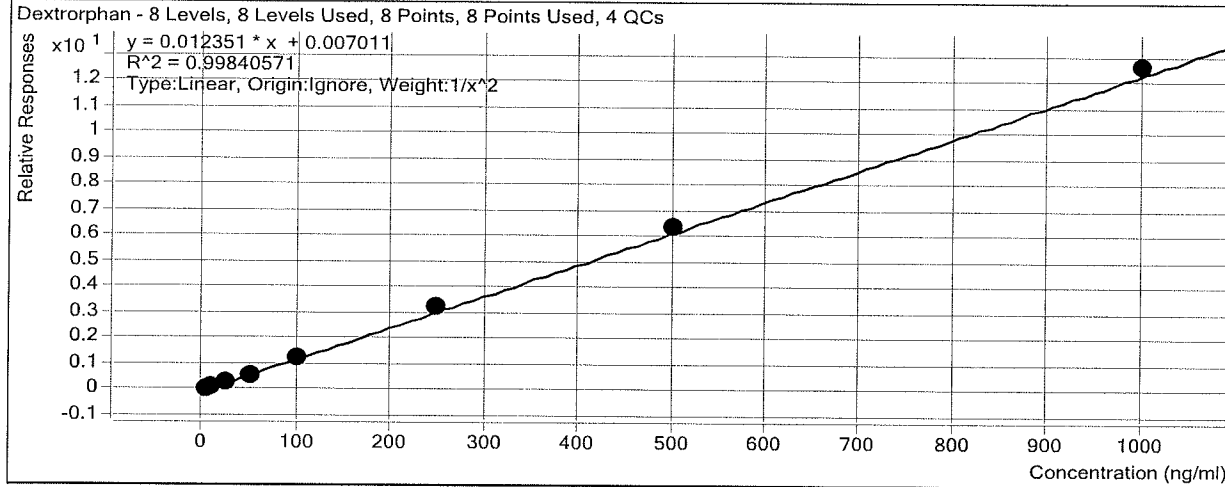
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.5	90.3
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.7	96.6
a QC 10	2	<input checked="" type="checkbox"/>	10	9.2	92.3
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.6	102.6
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.3	100.6
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	106.3	106.3
a qc 100	5	<input checked="" type="checkbox"/>	100	107.7	107.7
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	260.6	104.3
a QC 250	6	<input checked="" type="checkbox"/>	250	263.6	105.4
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	511.3	102.3
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	971.7	97.2
a qc 1000	8	<input checked="" type="checkbox"/>	1000	971.2	97.1

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1a.batch.bin

Last Calib Update 12/21/2017 10:06 AM **Analyst Name** ISP TOX

Target Compound *Dextrorphan*
Internal Standard *Dextrorphan-D3*



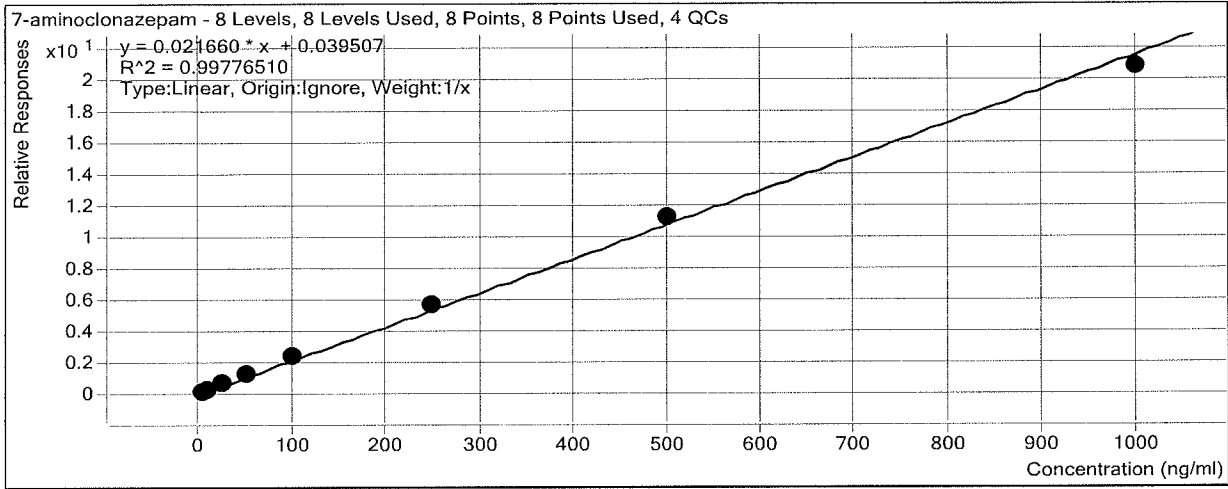
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	102.1
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	98.3
a QC 10	2	<input checked="" type="checkbox"/>	10	8.9	88.6
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.0	96.0
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.3	94.7
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	99.4	99.4
a qc 100	5	<input checked="" type="checkbox"/>	100	98.3	98.3
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	259.8	103.9
a QC 250	6	<input checked="" type="checkbox"/>	250	253.7	101.5
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	517.6	103.5
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1020.6	102.1
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1036.5	103.7

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1a.batch.bin

Last Calib Update 12/21/2017 10:06 AM **Analyst Name** ISP TOX

Target Compound 7-aminoclonazepam
Internal Standard 7-Aminoclonazepam-D4



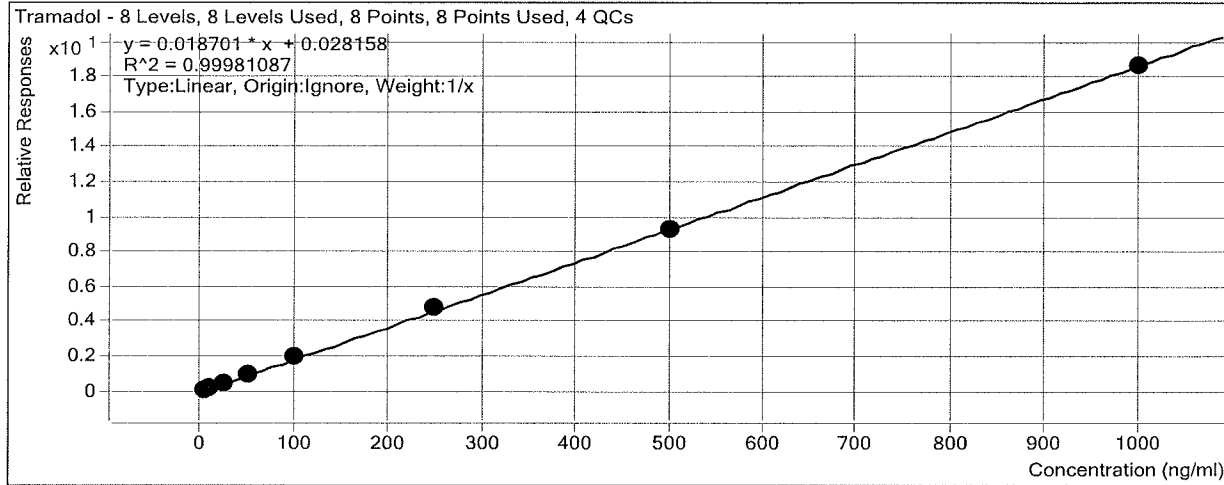
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.3	85.2
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.2	91.6
a QC 10	2	<input checked="" type="checkbox"/>	10	8.7	87.5
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.1	104.3
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	54.1	108.2
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	106.4	106.4
a qc 100	5	<input checked="" type="checkbox"/>	100	104.8	104.8
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	260.6	104.3
a QC 250	6	<input checked="" type="checkbox"/>	250	266.7	106.7
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	520.5	104.1
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	958.8	95.9
a qc 1000	8	<input checked="" type="checkbox"/>	1000	932.5	93.2

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1a.batch.bin

Last Calib Update 12/21/2017 10:06 AM **Analyst Name** ISP TOX

Target Compound *Tramadol*
Internal Standard *Tramadol-13C-D3*



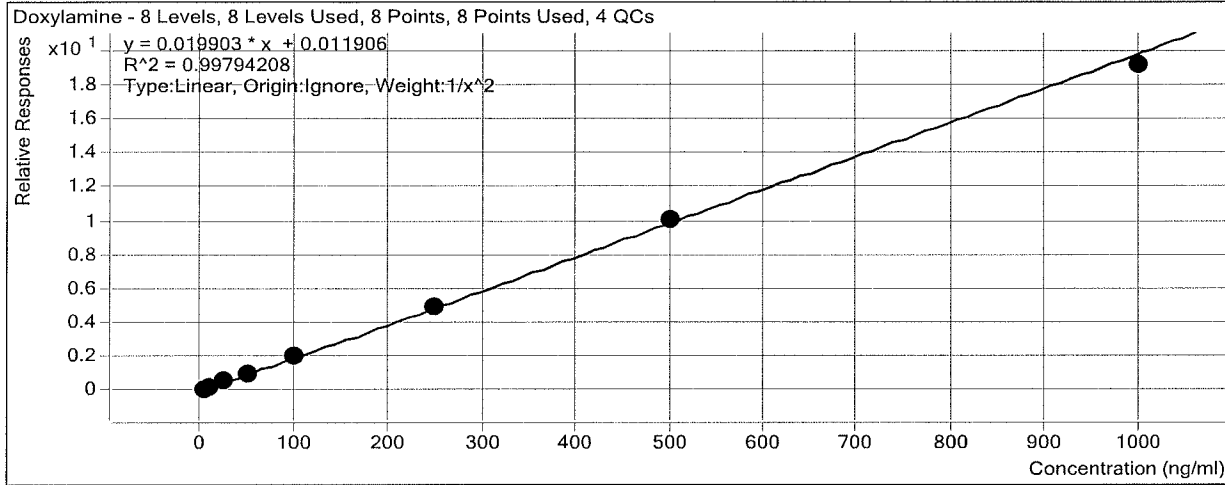
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.9	98.9
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.5	95.5
a QC 10	2	<input checked="" type="checkbox"/>	10	9.4	94.0
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.9	99.7
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.4	100.8
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	104.8	104.8
a qc 100	5	<input checked="" type="checkbox"/>	100	104.4	104.4
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	252.9	101.1
a QC 250	6	<input checked="" type="checkbox"/>	250	258.4	103.4
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	498.9	99.8
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	993.6	99.4
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1026.9	102.7

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1a.batch.bin

Last Calib Update 12/21/2017 10:06 AM **Analyst Name** ISP TOX

Target Compound Doxylamine
Internal Standard Doxylamine-D5



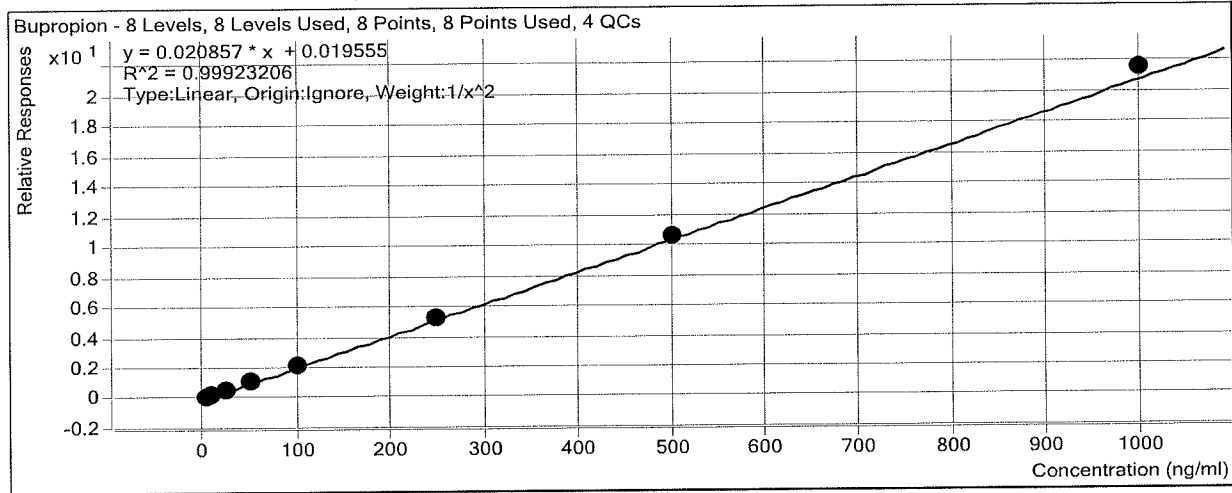
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.9	97.4
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.4	104.0
a QC 10	2	<input checked="" type="checkbox"/>	10	10.0	100.1
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.4	105.5
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.2	94.3
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	102.1	102.1
a qc 100	5	<input checked="" type="checkbox"/>	100	109.9	109.9
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	247.6	99.0
a QC 250	6	<input checked="" type="checkbox"/>	250	255.6	102.2
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	507.7	101.5
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	960.8	96.1
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1062.4	106.2

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1a.batch.bin

Last Calib Update 12/21/2017 10:06 AM **Analyst Name** ISP TOX

Target Compound *Bupropion*
Internal Standard *Bupropion-D9*



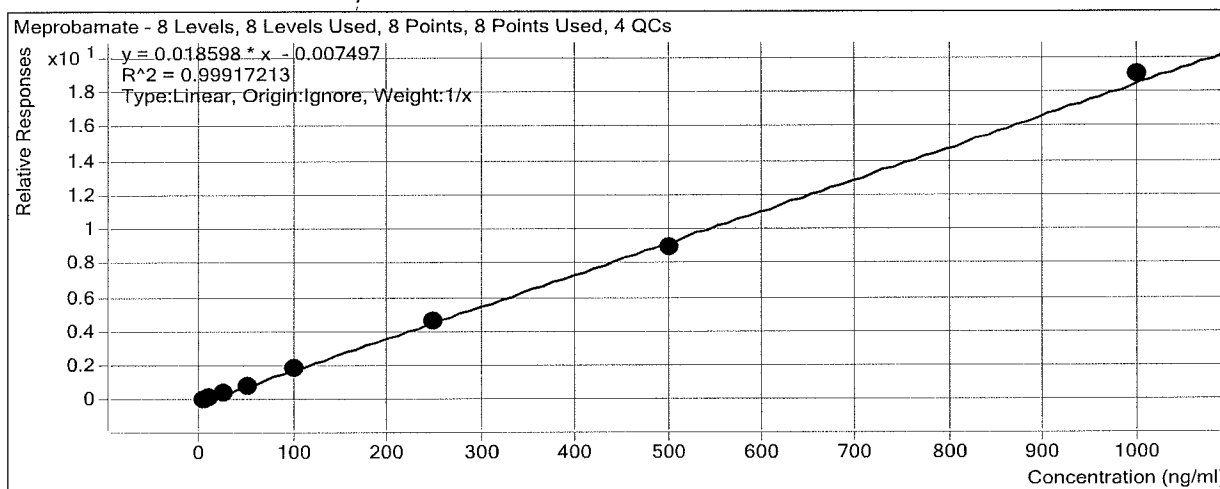
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	101.6
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.9	98.5
a QC 10	2	<input checked="" type="checkbox"/>	10	8.2	82.3
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.8	95.2
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.4	100.8
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	99.6	99.6
a qc 100	5	<input checked="" type="checkbox"/>	100	95.9	95.9
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	249.4	99.8
a QC 250	6	<input checked="" type="checkbox"/>	250	233.0	93.2
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	506.3	101.3
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1032.1	103.2
a qc 1000	8	<input checked="" type="checkbox"/>	1000	936.4	93.6

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1a.batch.bin

Last Calib Update 12/21/2017 10:06 AM **Analyst Name** ISP TOX

Target Compound Meprobamate
Internal Standard Meprobamate-D7



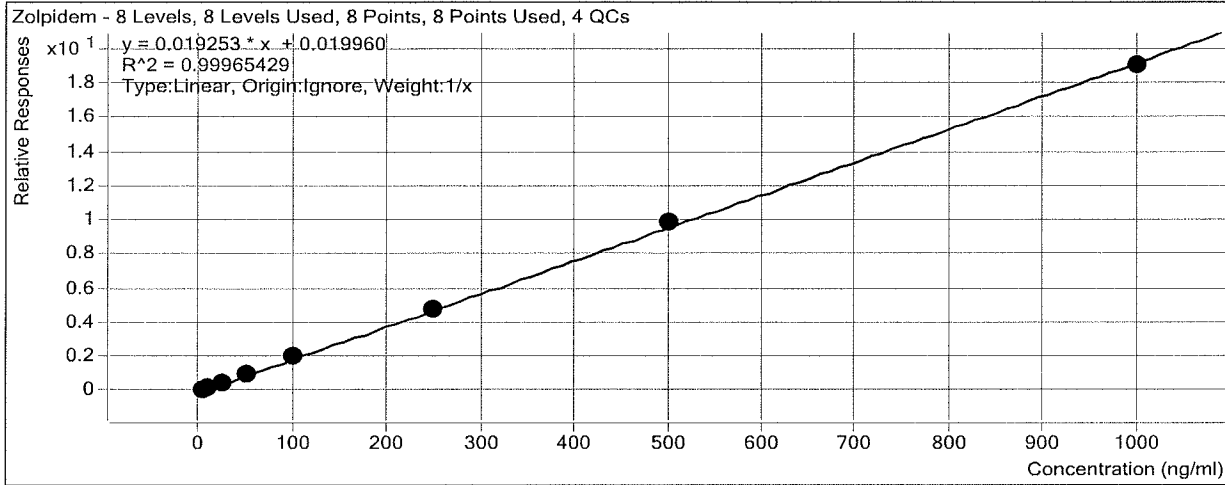
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.4	108.8
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.1	101.2
a QC 10	2	<input checked="" type="checkbox"/>	10	29.8	298.3
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.6	98.4
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	46.6	93.3
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	99.9	99.9
a qc 100	5	<input checked="" type="checkbox"/>	100	99.6	99.6
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	250.0	100.0
a QC 250	6	<input checked="" type="checkbox"/>	250	242.3	96.9
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	481.2	96.2
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1022.1	102.2
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1009.7	101.0

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1a.batch.bin

Last Calib Update 12/21/2017 10:06 AM **Analyst Name** ISP TOX

Target Compound Zolpidem
Internal Standard Zolpidem-D6



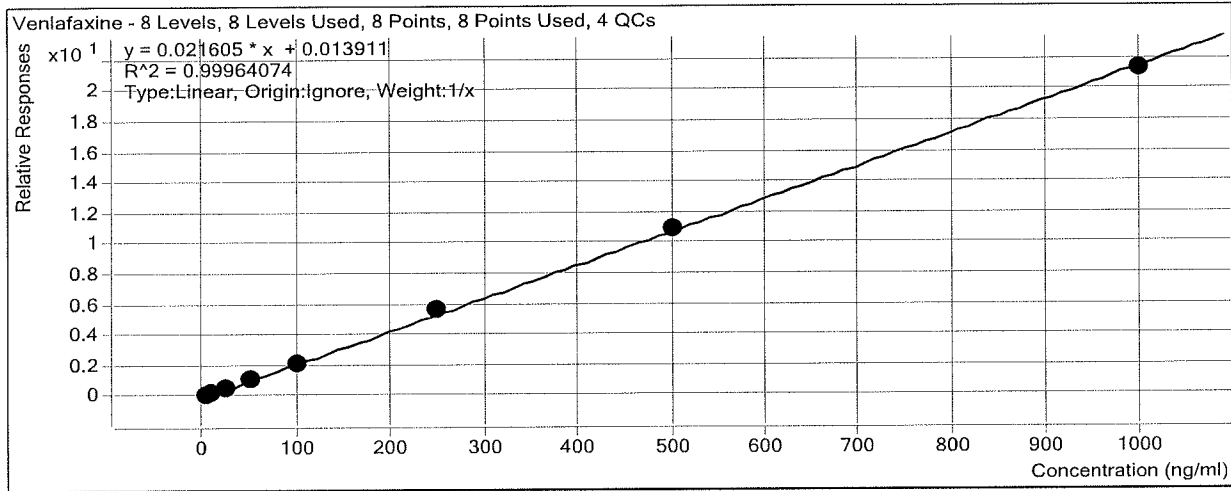
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	99.1
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.6	95.6
a QC 10	2	<input checked="" type="checkbox"/>	10	9.0	89.5
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.2	100.8
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.3	100.6
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	103.5	103.5
a qc 100	5	<input checked="" type="checkbox"/>	100	104.9	104.9
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	248.9	99.6
a QC 250	6	<input checked="" type="checkbox"/>	250	257.0	102.8
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	511.6	102.3
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	986.0	98.6
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1000.7	100.1

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1a.batch.bin

Last Calib Update 12/21/2017 10:06 AM **Analyst Name** ISP TOX

Target Compound *Venlafaxine*
Internal Standard *Venlafaxine-D6*



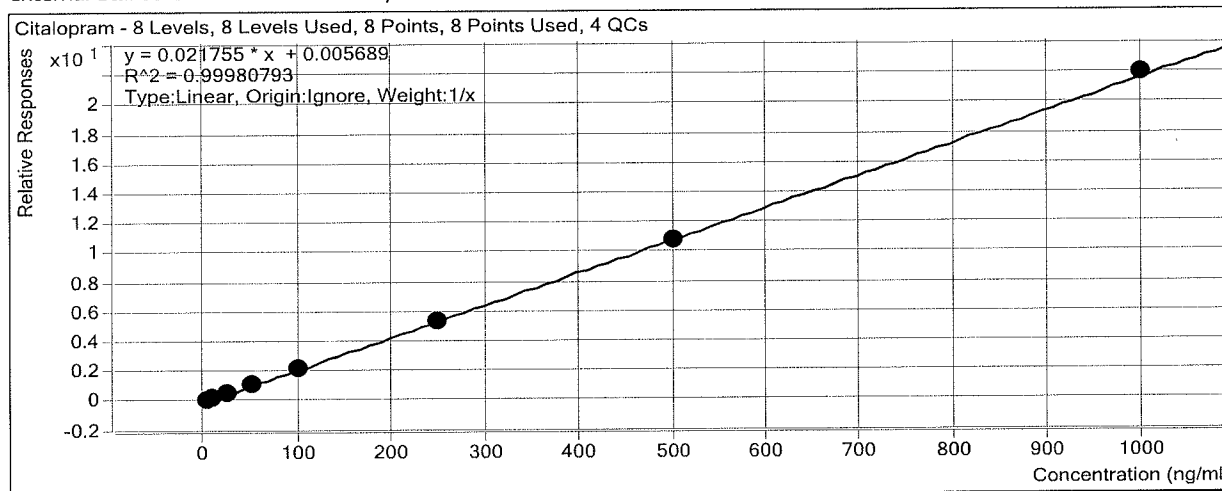
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	100.8
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.6	95.8
a QC 10	2	<input checked="" type="checkbox"/>	10	9.5	95.1
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.1	100.5
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.4	100.8
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.6	98.6
a qc 100	5	<input checked="" type="checkbox"/>	100	99.5	99.5
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	258.5	103.4
a QC 250	6	<input checked="" type="checkbox"/>	250	255.0	102.0
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	507.1	101.4
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	985.6	98.6
a qc 1000	8	<input checked="" type="checkbox"/>	1000	969.6	97.0

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1a.batch.bin

Last Calib Update 12/21/2017 10:06 AM **Analyst Name** ISP TOX

Target Compound *Citalopram*
Internal Standard *Citalopram-D6*



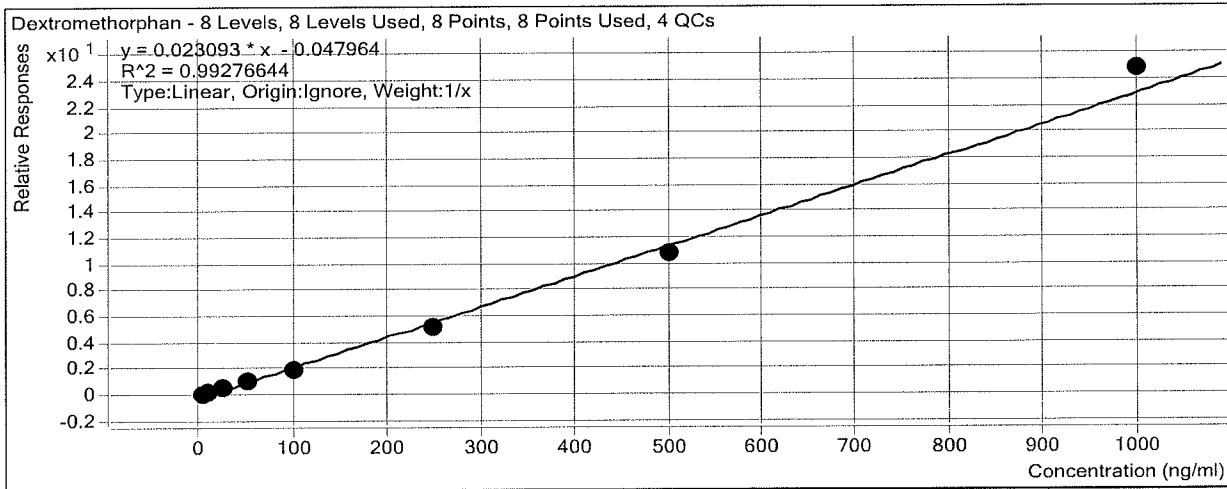
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.2	103.5
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.2	101.7
a QC 10	2	<input checked="" type="checkbox"/>	10	8.7	87.4
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.2	96.9
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.4	98.7
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	101.5	101.5
a qc 100	5	<input checked="" type="checkbox"/>	100	100.8	100.8
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	243.2	97.3
a QC 250	6	<input checked="" type="checkbox"/>	250	245.5	98.2
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	497.5	99.5
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1008.9	100.9
a qc 1000	8	<input checked="" type="checkbox"/>	1000	995.5	99.6

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1a.batch.bin

Last Calib Update 12/21/2017 10:06 AM **Analyst Name** ISP TOX

Target Compound *Dextromethorphan*
Internal Standard *Dextromethorphan-D3*



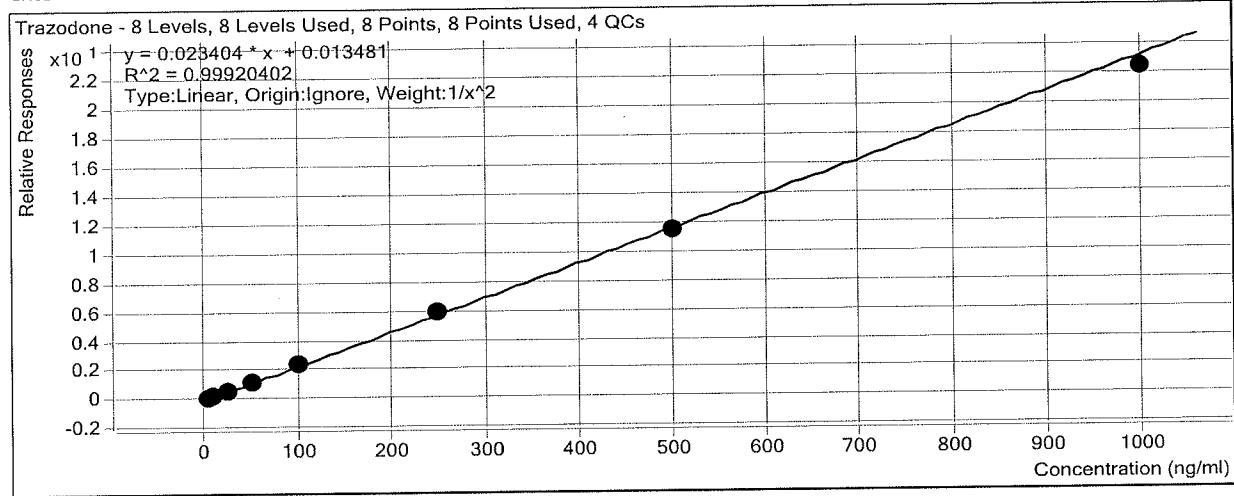
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	6.5	129.4
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	11.0	109.6
a QC 10	2	<input checked="" type="checkbox"/>	10	9.8	98.2
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	22.3	89.0
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.2	94.4
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	87.1	87.1
a qc 100	5	<input checked="" type="checkbox"/>	100	92.6	92.6
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	223.5	89.4
a QC 250	6	<input checked="" type="checkbox"/>	250	247.8	99.1
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	468.6	93.7
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1074.0	107.4
a qc 1000	8	<input checked="" type="checkbox"/>	1000	886.8	88.7

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1a.batch.bin

Last Calib Update 12/21/2017 10:06 AM **Analyst Name** ISP TOX

Target Compound Trazodone
Internal Standard Trazodone-D6



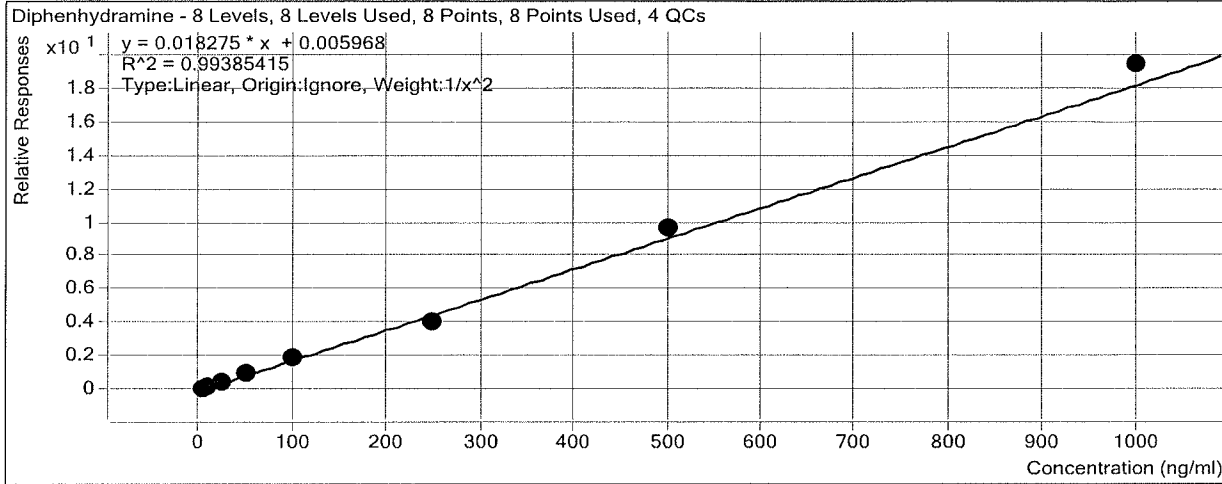
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	99.8
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.0	99.9
a QC 10	2	<input checked="" type="checkbox"/>	10	9.4	94.1
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.0	99.8
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.4	100.7
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	104.5	104.5
a qc 100	5	<input checked="" type="checkbox"/>	100	97.6	97.6
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	252.3	100.9
a QC 250	6	<input checked="" type="checkbox"/>	250	235.2	94.1
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	493.0	98.6
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	957.3	95.7
a qc 1000	8	<input checked="" type="checkbox"/>	1000	927.3	92.7

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1a.batch.bin

Last Calib Update 12/21/2017 10:06 AM **Analyst Name** ISP TOX

Target Compound Diphenhydramine
Internal Standard Diphenhydramine-D3



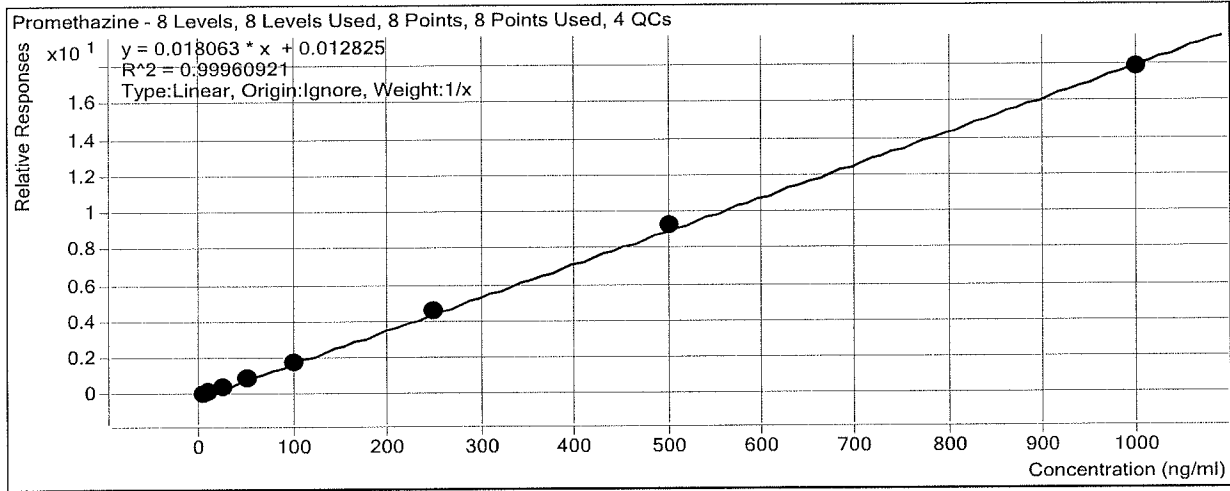
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	102.1
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.9	98.8
a QC 10	2	<input checked="" type="checkbox"/>	10	9.9	99.0
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	22.7	90.9
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.2	100.4
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	107.1	107.1
a qc 100	5	<input checked="" type="checkbox"/>	100	98.9	98.9
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	222.7	89.1
a QC 250	6	<input checked="" type="checkbox"/>	250	253.6	101.4
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	528.2	105.6
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1059.8	106.0
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1033.3	103.3

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1a.batch.bin

Last Calib Update 12/21/2017 10:06 AM **Analyst Name** ISP TOX

Target Compound Promethazine
Internal Standard Promethazine-D3



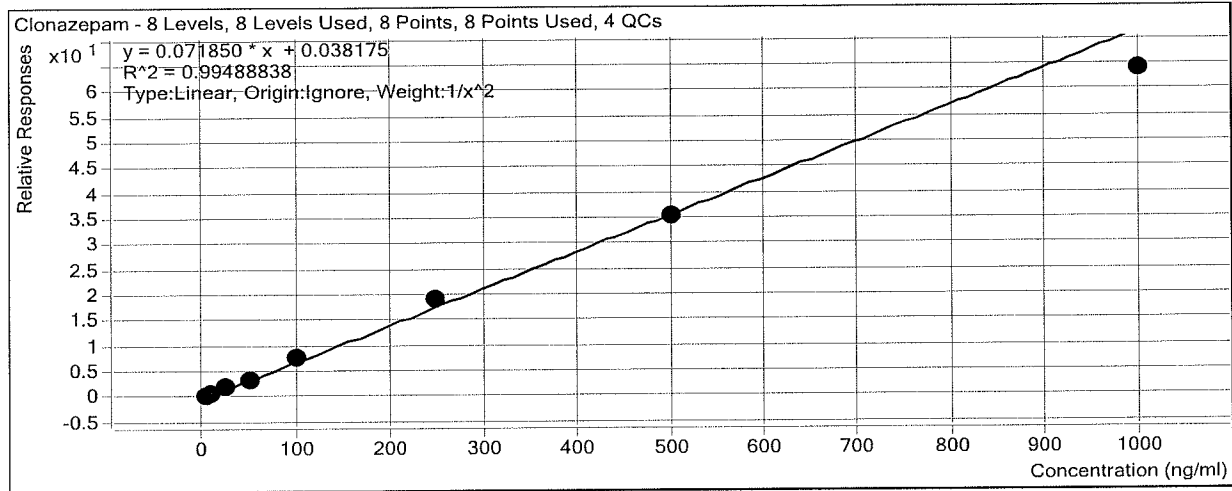
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.3	105.6
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	97.7
a QC 10	2	<input checked="" type="checkbox"/>	10	9.1	90.8
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.9	99.4
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.0	94.0
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	101.1	101.1
a qc 100	5	<input checked="" type="checkbox"/>	100	97.6	97.6
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	253.0	101.2
a QC 250	6	<input checked="" type="checkbox"/>	250	263.0	105.2
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	511.8	102.4
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	987.3	98.7
a qc 1000	8	<input checked="" type="checkbox"/>	1000	999.6	100.0

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1a.batch.bin

Last Calib Update 12/21/2017 10:06 AM **Analyst Name** ISP TOX

Target Compound Clonazepam
Internal Standard Clonazepam-D4



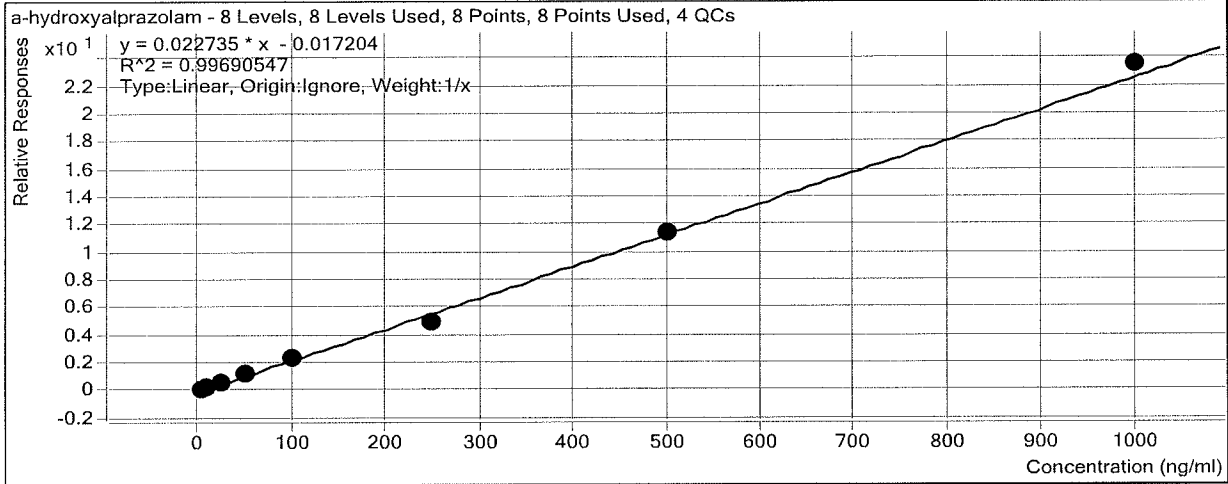
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	99.9
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	97.9
a QC 10	2	<input checked="" type="checkbox"/>	10	9.0	90.3
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.4	105.8
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.7	95.5
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	107.6	107.6
a qc 100	5	<input checked="" type="checkbox"/>	100	96.4	96.4
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	263.6	105.5
a QC 250	6	<input checked="" type="checkbox"/>	250	251.3	100.5
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	495.0	99.0
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	888.6	88.9
a qc 1000	8	<input checked="" type="checkbox"/>	1000	821.7	82.2

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1a.batch.bin

Last Calib Update 12/21/2017 10:06 AM **Analyst Name** ISP TOX

Target Compound *a-hydroxyalprazolam*
Internal Standard *a-hydroxyalprazolam-D5*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.5	110.2
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.7	107.1
a QC 10	2	<input checked="" type="checkbox"/>	10	9.6	95.6
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.5	94.0
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.5	99.1
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	99.1	99.1
a qc 100	5	<input checked="" type="checkbox"/>	100	97.1	97.1
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	217.9	87.2
a QC 250	6	<input checked="" type="checkbox"/>	250	232.4	93.0
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	499.4	99.9
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1034.3	103.4
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1016.1	101.6

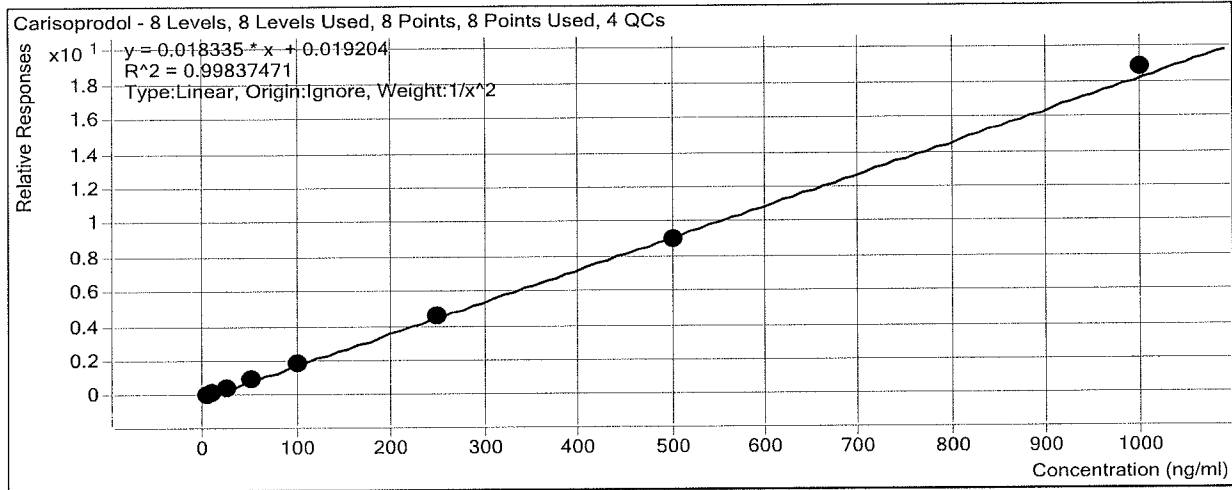
ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1a.batch.bin

Last Calib Update 12/21/2017 10:06 AM **Analyst Name** ISP TOX

Target Compound Carisoprodol

Internal Standard Carisoprodol-D7



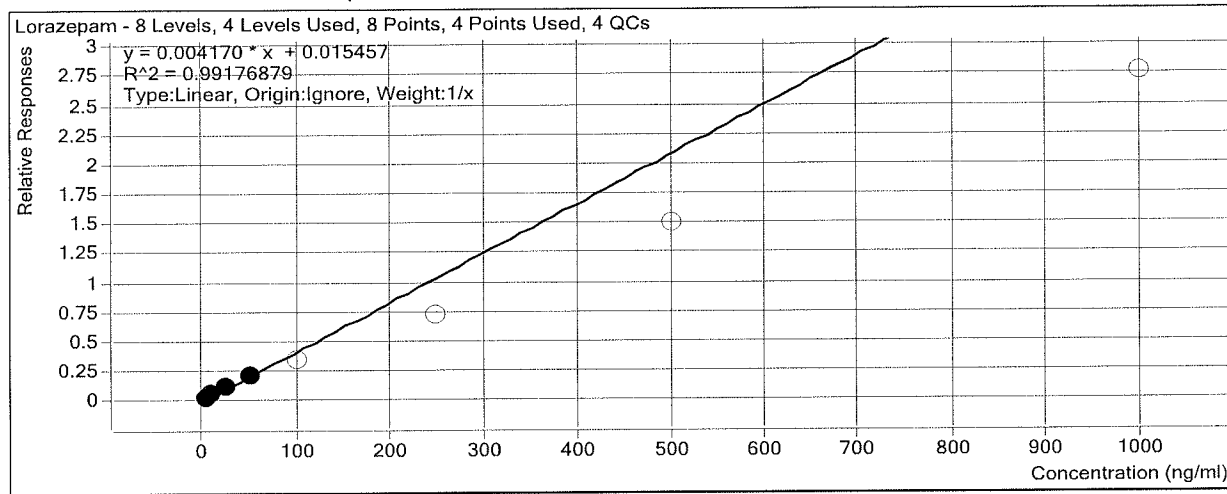
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.2	103.5
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.3	93.2
a QC 10	2	<input checked="" type="checkbox"/>	10	11.1	111.2
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.8	99.3
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.0	97.9
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	103.5	103.5
a qc 100	5	<input checked="" type="checkbox"/>	100	104.2	104.2
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	253.3	101.3
a QC 250	6	<input checked="" type="checkbox"/>	250	269.4	107.7
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	493.3	98.7
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1026.3	102.6
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1081.2	108.1

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1a.batch.bin

Last Calib Update 12/21/2017 10:06 AM **Analyst Name** ISP TOX

Target Compound Lorazepam
Internal Standard Alprazolam-D5



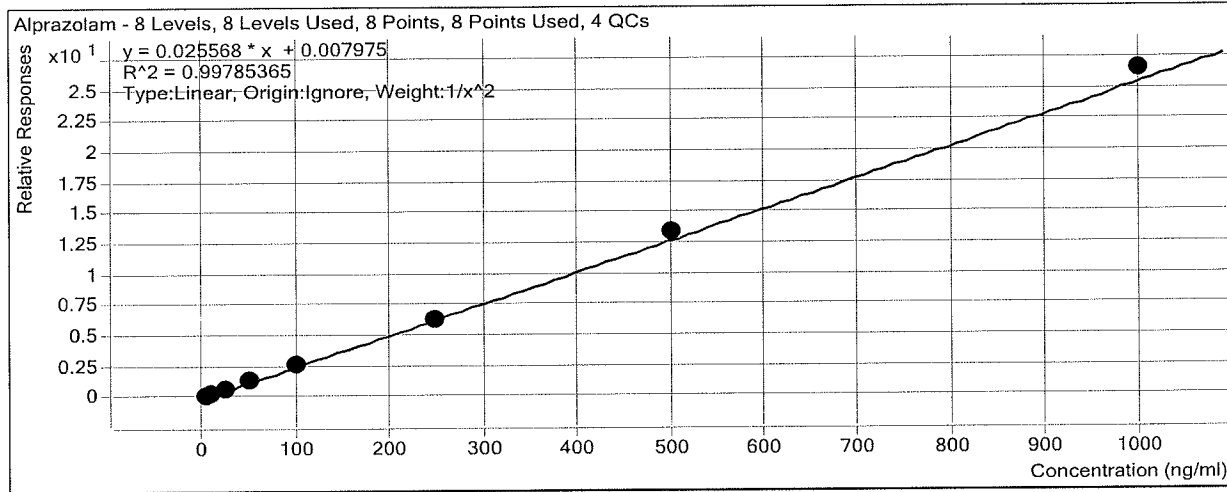
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.6	92.4
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.2	102.4
a QC 10	2	<input checked="" type="checkbox"/>	10	10.4	104.3
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	27.4	109.7
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.7	95.4
a cal 5-100ng	5	<input type="checkbox"/>	100	82.0	82.0
a qc 100	5	<input type="checkbox"/>	100	73.2	73.2
a cal 6-250ng	6	<input type="checkbox"/>	250	171.5	68.6
a QC 250	6	<input type="checkbox"/>	250	175.1	70.0
a cal 7-500ng	7	<input type="checkbox"/>	500	356.5	71.3
a cal 8-1000ng	8	<input type="checkbox"/>	1000	660.0	66.0
a qc 1000	8	<input type="checkbox"/>	1000	583.0	58.3

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1a.batch.bin

Last Calib Update 12/21/2017 10:06 AM **Analyst Name** ISP TOX

Target Compound Alprazolam
Internal Standard Alprazolam-D5



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.2	104.1
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.3	93.2
a QC 10	2	<input checked="" type="checkbox"/>	10	9.9	99.3
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.3	97.4
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.7	97.5
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.5	100.5
a qc 100	5	<input checked="" type="checkbox"/>	100	100.8	100.8
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	247.3	98.9
a QC 250	6	<input checked="" type="checkbox"/>	250	251.2	100.5
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	523.9	104.8
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1036.3	103.6
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1039.9	104.0

ISP FORENSICS - Cd'A Instrument # 62340

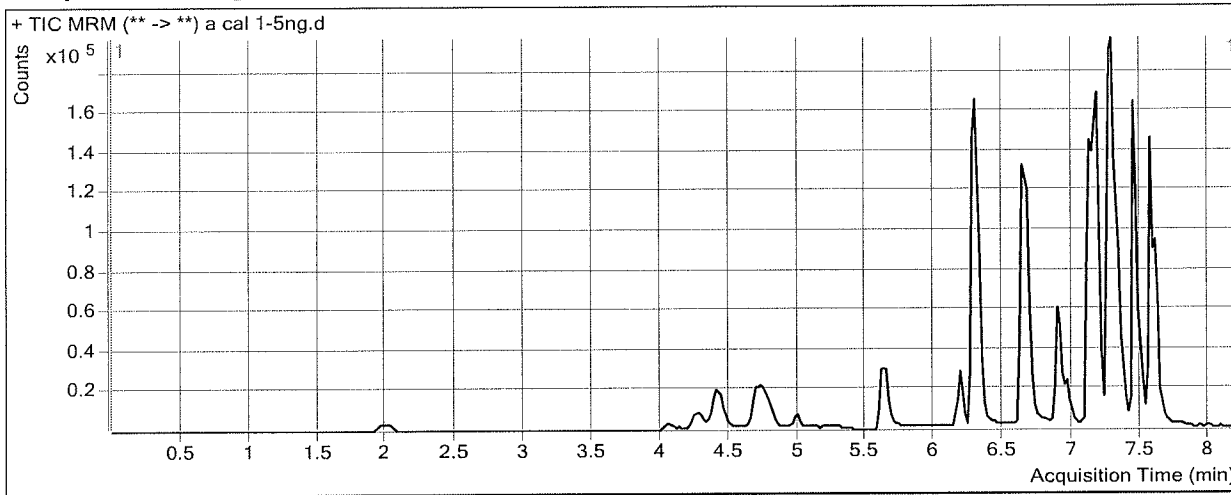
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1a.batch.bin
Analysis Time 12/21/2017 10:07 AM **Analyst Name** ISP Tox
Report Time 12/21/2017 10:11 AM **Reporter Name** ISP Tox
Last Calib Update 12/21/2017 10:06 AM **Batch State** Processed

Analysis Info

Acq Time 2017-12-19 16:35 **Data File** a cal 1-5ng.d
Sample Type Calibration **Sample Name** a cal 1-5ng
Dilution 1 **Acq Method** Quant Panel 1a 10-17.m
Position P1-A1 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.328	744	1353	0.5501	6.0626
Hydromorphone	Hydromorphone-D6	2.009	4024	22158	0.1816	5.0096
Codeine	Codeine-D6	4.115	1545	12203	0.1266	5.3152
Amphetamine	Amphetamine-D11	4.403	30194	34061	0.8865	4.9439
Oxycodone	Oxycodone-D6	4.469	7074	53137	0.1331	5.1060
Hydrocodone	Hydrocodone-D6	4.794	5739	51808	0.1108	5.1038
Norhydrocodone	Norhydrocodone-D3	4.799	322	15806	0.0204	6.5212
Methamphetamine	Methamphetamine-D11	4.821	12874	66679	0.1931	5.3612
6-MAM	6-MAM-D6	5.008	303	19519	0.0155	0.5996
Phentermine	Phentermine-D5	5.686	3816	112651	0.0339	4.5169
Dextrophan	Dextrophan-D3	6.183	4647	66337	0.0701	5.1039
7-aminoclonazepam	7-Aminoclonazepam-D4	6.312	10158	77065	0.1318	4.2618
Tramadol	Tramadol-13C-D3	6.302	49618	411245	0.1207	4.9459
Doxylamine	Doxylamine-D5	6.662	42780	393146	0.1088	4.8689
Bupropion	Bupropion-D9	6.910	21980	175100	0.1255	5.0809
Meprobamate	Meprobamate-D7	6.992	4003	42748	0.0936	5.4378
Zolpidem	Zolpidem-D6	7.183	42518	368692	0.1153	4.9531
Venlafaxine	Venlafaxine-D6	7.125	41224	335593	0.1228	5.0416
Citalopram	Citalopram-D6	7.237	22843	193073	0.1183	5.1769
Dextromethorphan	Dextromethorphan-D3	7.268	5084	50137	0.1014	6.4680
Trazodone	Trazodone-D6	7.356	24691	189530	0.1303	4.9904
Diphenhydramine	Diphenhydramine-D3	7.291	36510	367666	0.0993	5.1072
Promethazine	Promethazine-D3	7.446	37434	345998	0.1082	5.2796

ISP FORENSICS - Cd'A Instrument # 62340
Multi-Drug Confirmatory Analysis Report

Placal

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clonazepam	Clonazepam-D4	7.482	9814	24713	0.3971	4.9955
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.560	2854	26418	0.1081	5.5093
Carisoprodol	Carisoprodol-D7	7.572	26886	235580	0.1141	5.1773
Lorazepam	Alprazolam-D5	7.602	4929	141925	0.0347	4.6215
Alprazolam	Alprazolam-D5	7.626	20019	141925	0.1411	5.2048



ISP FORENSICS - Cd'A Instrument # 62340

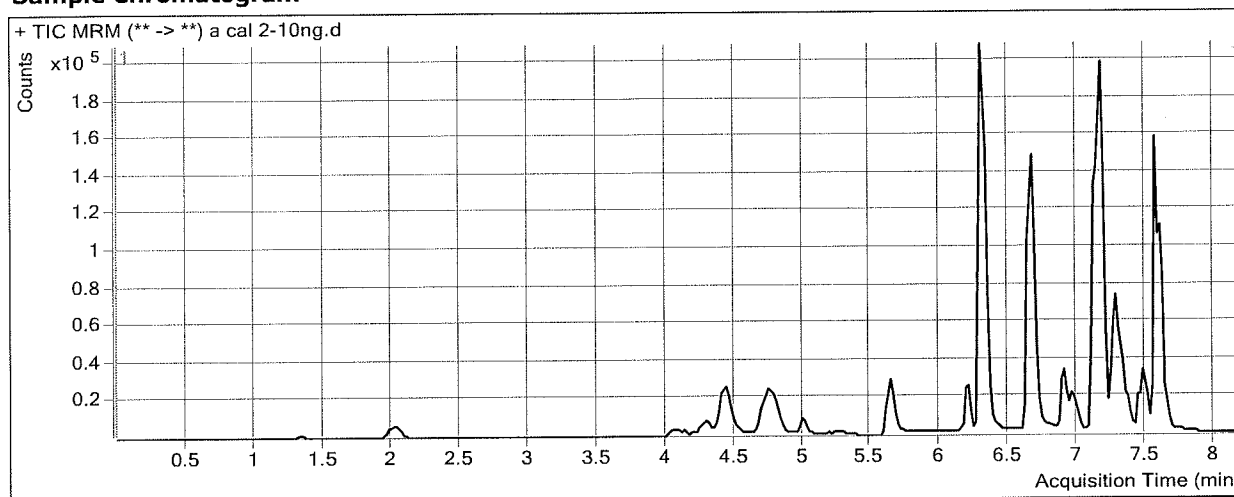
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1a.batch.bin
Analysis Time 12/21/2017 10:07 AM **Analyst Name** ISP Tox
Report Time 12/21/2017 10:11 AM **Reporter Name** ISP Tox
Last Calib Update 12/21/2017 10:06 AM **Batch State** Processed

Analysis Info

Acq Time 2017-12-19 17:00 **Data File** a cal 2-10ng.d
Sample Type Calibration **Sample Name** a cal 2-10ng
Dilution 1 **Acq Method** Quant Panel 1a 10-17.m
Position P1-B1 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.348	1787	1743	1.0250	10.3946
Hydromorphone	Hydromorphone-D6	2.049	8748	25965	0.3369	10.2388
Codeine	Codeine-D6	4.134	4048	14088	0.2873	11.3069
Amphetamine	Amphetamine-D11	4.423	40378	31818	1.2690	9.8733
Oxycodone	Oxycodone-D6	4.489	15436	62307	0.2477	9.8812
Hydrocodone	Hydrocodone-D6	4.794	10910	60801	0.1794	9.0695
Norhydrocodone	Norhydrocodone-D3	4.818	855	18822	0.0454	12.5013
Methamphetamine	Methamphetamine-D11	4.821	15268	56418	0.2706	8.7215
6-MAM	6-MAM-D6	5.028	625	24234	0.0258	0.9771
Phentermine	Phentermine-D5	5.686	6288	97648	0.0644	9.6576
Dextrorphan	Dextrorphan-D3	6.203	7997	62251	0.1285	9.8328
7-aminoclonazepam	7-Aminoclonazepam-D4	6.312	16830	70754	0.2379	9.1581
Tramadol	Tramadol-13C-D3	6.322	94953	459394	0.2067	9.5466
Doxylamine	Doxylamine-D5	6.682	78846	360175	0.2189	10.4005
Bupropion	Bupropion-D9	6.930	20759	92256	0.2250	9.8508
Meprobamate	Meprobamate-D7	6.992	7777	43040	0.1807	10.1186
Zolpidem	Zolpidem-D6	7.183	83151	407513	0.2040	9.5615
Venlafaxine	Venlafaxine-D6	7.125	61686	279195	0.2209	9.5824
Citalopram	Citalopram-D6	7.257	14820	65320	0.2269	10.1672
Dextromethorphan	Dextromethorphan-D3	7.268	2319	11302	0.2052	10.9617
Trazodone	Trazodone-D6	7.356	17259	69801	0.2473	9.9893
Diphenhydramine	Diphenhydramine-D3	7.291	19182	102799	0.1866	9.8838
Promethazine	Promethazine-D3	7.446	6619	34972	0.1893	9.7680

ISP FORENSICS - Cd'A Instrument # 62340
Multi-Drug Confirmatory Analysis Report

placal 2

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clonazepam	Clonazepam-D4	7.482	18496	24934	0.7418	9.7928
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.560	5813	25689	0.2263	10.7106
Carisoprodol	Carisoprodol-D7	7.572	44632	234740	0.1901	9.3227
Lorazepam	Alprazolam-D5	7.602	8805	151380	0.0582	10.2422
Alprazolam	Alprazolam-D5	7.626	37286	151380	0.2463	9.3216



ISP FORENSICS - Cd'A Instrument # 62340

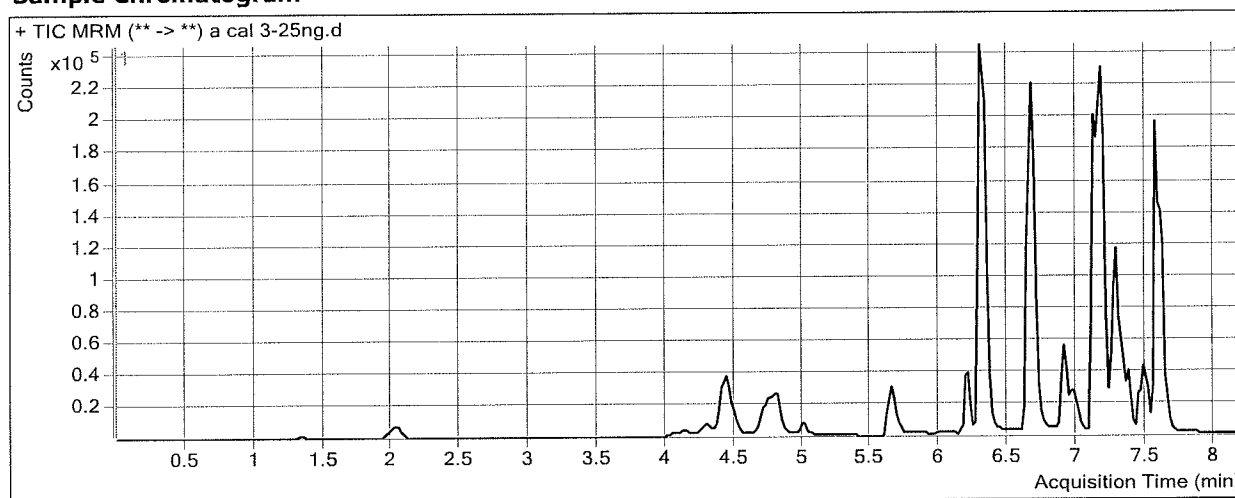
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1a.batch.bin
Analysis Time 12/21/2017 10:07 AM **Analyst Name** ISP Tox
Report Time 12/21/2017 10:11 AM **Reporter Name** ISP Tox
Last Calib Update 12/21/2017 10:06 AM **Batch State** Processed

Analysis Info

Acq Time 2017-12-19 17:26 **Data File** a cal 3-25ng.d
Sample Type Calibration **Sample Name** a cal 3-25ng
Dilution 1 **Acq Method** Quant Panel 1a 10-17.m
Position P1-C1 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram




Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.348	3491	1535	2.2740	21.7890
Hydromorphone	Hydromorphone-D6	2.049	16332	22020	0.7417	23.8678
Codeine	Codeine-D6	4.134	7615	12221	0.6231	23.8254
Amphetamine	Amphetamine-D11	4.443	76005	30479	2.4937	25.6538
Oxycodone	Oxycodone-D6	4.489	33028	56026	0.5895	24.1204
Hydrocodone	Hydrocodone-D6	4.794	26425	58299	0.4533	24.8827
Norhydrocodone	Norhydrocodone-D3	4.818	1843	17580	0.1048	26.6906
Methamphetamine	Methamphetamine-D11	4.821	32044	51890	0.6175	23.7545
6-MAM	6-MAM-D6	5.028	1444	21396	0.0675	2.5103
Phentermine	Phentermine-D5	5.686	15955	100170	0.1593	25.6415
Dextroprphan	Dextroprphan-D3	6.203	21955	72369	0.3034	23.9949
7-aminoclonazepam	7-Aminoclonazepam-D4	6.312	37069	61337	0.6043	26.0776
Tramadol	Tramadol-13C-D3	6.322	229843	465106	0.4942	24.9191
Doxylamine	Doxylamine-D5	6.682	215205	400784	0.5370	26.3801
Bupropion	Bupropion-D9	6.930	56831	110143	0.5160	23.8012
Meprobamate	Meprobamate-D7	6.992	18378	40832	0.4501	24.6043
Zolpidem	Zolpidem-D6	7.183	187098	370471	0.5050	25.1948
Venlafaxine	Venlafaxine-D6	7.125	183513	329492	0.5570	25.1347
Citalopram	Citalopram-D6	7.257	40847	76669	0.5328	24.2279
Dextromethorphan	Dextromethorphan-D3	7.268	6189	13280	0.4661	22.2585
Trazodone	Trazodone-D6	7.356	47317	79192	0.5975	24.9538
Diphenhydramine	Diphenhydramine-D3	7.291	59337	140874	0.4212	22.7218
Promethazine	Promethazine-D3	7.446	17664	38253	0.4618	24.8536

ISP FORENSICS - Cd'A Instrument # 62340
Multi-Drug Confirmatory Analysis Report

placal 3

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clonazepam	Clonazepam-D4	7.482	40635	20965	1.9382	26.4443
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.560	11735	22688	0.5172	23.5075
Carisoprodol	Carisoprodol-D7	7.572	103196	217637	0.4742	24.8138
Lorazepam	Alprazolam-D5	7.602	16854	129784	0.1299	27.4375
Alprazolam	Alprazolam-D5	7.626	81830	129784	0.6305	24.3484



ISP FORENSICS - Cd'A Instrument # 62340

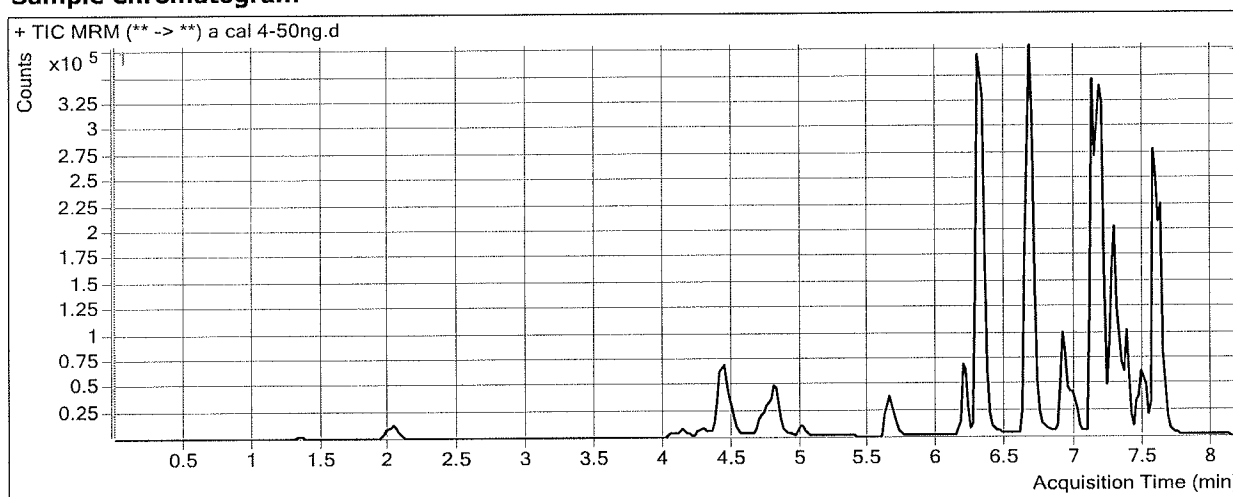
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1a.batch.bin
Analysis Time 12/21/2017 10:07 AM **Analyst Name** ISP Tox
Report Time 12/21/2017 10:11 AM **Reporter Name** ISP Tox
Last Calib Update 12/21/2017 10:06 AM **Batch State** Processed

Analysis Info

Acq Time 2017-12-19 17:51 **Data File** a cal 4-50ng.d
Sample Type Calibration **Sample Name** a cal 4-50ng
Dilution 1 **Acq Method** Quant Panel 1a 10-17.m
Position P1-D1 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.348	7795	1555	5.0129	46.7745
Hydromorphone	Hydromorphone-D6	2.029	35495	24582	1.4440	47.5131
Codeine	Codeine-D6	4.134	17313	13867	1.2485	47.1371
Amphetamine	Amphetamine-D11	4.423	160658	34112	4.7098	54.2101
Oxycodone	Oxycodone-D6	4.489	72696	62177	1.1692	48.2711
Hydrocodone	Hydrocodone-D6	4.794	55739	64023	0.8706	48.9837
Norhydrocodone	Norhydrocodone-D3	4.818	3558	19165	0.1856	46.0066
Methamphetamine	Methamphetamine-D11	4.821	74240	61800	1.2013	49.0507
6-MAM	6-MAM-D6	5.008	2928	24603	0.1190	4.4070
Phentermine	Phentermine-D5	5.686	37689	123325	0.3056	50.2913
Dextroprhan	Dextroprhan-D3	6.183	51848	87628	0.5917	47.3368
7-aminoclonazepam	7-Aminoclonazepam-D4	6.312	81529	67299	1.2114	54.1061
Tramadol	Tramadol-13C-D3	6.322	518030	533556	0.9709	50.4110
Doxylamine	Doxylamine-D5	6.682	468074	492375	0.9506	47.1648
Bupropion	Bupropion-D9	6.930	143271	133796	1.0708	50.4032
Meprobamate	Meprobamate-D7	6.992	38954	45300	0.8599	46.6398
Zolpidem	Zolpidem-D6	7.183	428931	434155	0.9880	50.2790
Venlafaxine	Venlafaxine-D6	7.125	441755	400621	1.1027	50.3930
Citalopram	Citalopram-D6	7.257	109937	101825	1.0797	49.3667
Dextromethorphan	Dextromethorphan-D3	7.268	15633	15009	1.0416	47.1810
Trazodone	Trazodone-D6	7.356	133922	112317	1.1924	50.3712
Diphenhydramine	Diphenhydramine-D3	7.291	150699	163241	0.9232	50.1892
Promethazine	Promethazine-D3	7.466	35687	41429	0.8614	46.9788

ISP FORENSICS - Cd'A Instrument # 62340
Multi-Drug Confirmatory Analysis Report

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Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clonazepam	Clonazepam-D4	7.482	77130	22239	3.4682	47.7386
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.560	27239	24560	1.1091	49.5403
Carisoprodol	Carisoprodol-D7	7.592	216009	235606	0.9168	48.9565
Lorazepam	Alprazolam-D5	7.602	30525	142413	0.2143	47.6988
Alprazolam	Alprazolam-D5	7.626	178619	142413	1.2542	48.7436



ISP FORENSICS - Cd'A Instrument # 62340

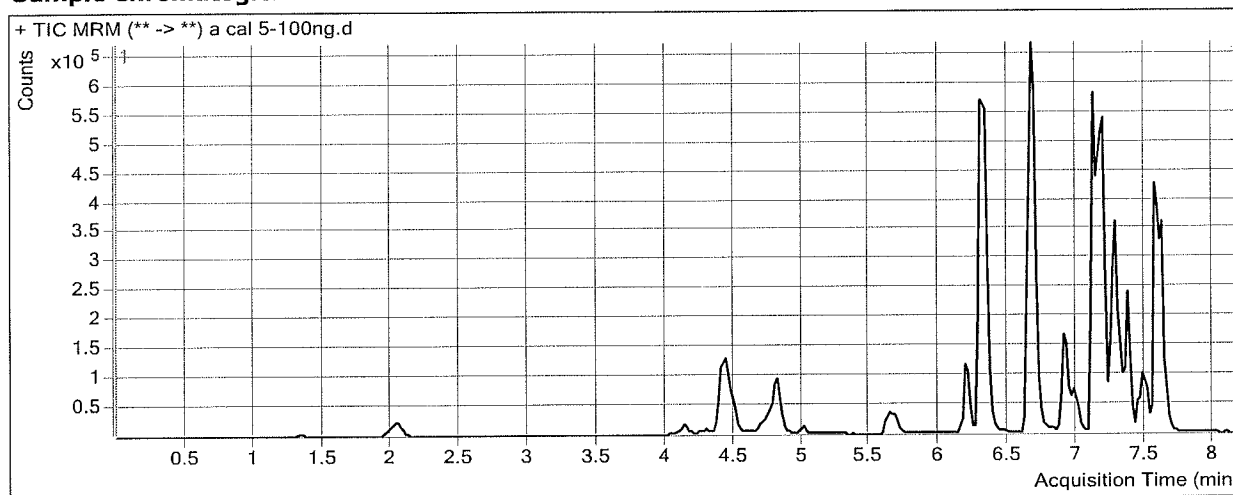
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1a.batch.bin
Analysis Time 12/21/2017 10:07 AM **Analyst Name** ISP Tox
Report Time 12/21/2017 10:11 AM **Reporter Name** ISP Tox
Last Calib Update 12/21/2017 10:06 AM **Batch State** Processed

Analysis Info

Acq Time 2017-12-19 18:16 **Data File** a cal 5-100ng.d
Sample Type Calibration **Sample Name** a cal 5-100ng
Dilution 1 **Acq Method** Quant Panel 1a 10-17.m
Position P1-E1 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.348	15955	1555	10.2607	94.6465
Hydromorphone	Hydromorphone-D6	2.049	74778	25066	2.9832	99.3380
Codeine	Codeine-D6	4.134	34333	14202	2.4175	90.7165
Amphetamine	Amphetamine-D11	4.443	324845	36067	9.0067	109.5800
Oxycodone	Oxycodone-D6	4.489	153840	65708	2.3413	97.1054
Hydrocodone	Hydrocodone-D6	4.794	119448	64383	1.8553	105.8468
Norhydrocodone	Norhydrocodone-D3	4.818	7262	19977	0.3635	88.5097
Methamphetamine	Methamphetamine-D11	4.821	151766	61019	2.4872	104.7729
6-MAM	6-MAM-D6	5.008	6362	24623	0.2584	9.5344
Phentermine	Phentermine-D5	5.686	78778	123506	0.6379	106.2578
Dextroprphan	Dextroprphan-D3	6.183	113256	91714	1.2349	99.4117
7-aminoclonazepam	7-Aminoclonazepam-D4	6.312	164168	70023	2.3445	106.4170
Tramadol	Tramadol-13C-D3	6.322	1112378	559348	1.9887	104.8356
Doxylamine	Doxylamine-D5	6.682	1018072	497977	2.0444	102.1185
Bupropion	Bupropion-D9	6.930	304691	145253	2.0977	99.6357
Meprobamate	Meprobamate-D7	6.992	81026	43784	1.8506	99.9052
Zolpidem	Zolpidem-D6	7.183	859049	426848	2.0125	103.4961
Venlafaxine	Venlafaxine-D6	7.125	963694	449257	2.1451	98.6405
Citalopram	Citalopram-D6	7.257	260796	117825	2.2134	101.4807
Dextromethorphan	Dextromethorphan-D3	7.268	35248	17946	1.9641	87.1267
Trazodone	Trazodone-D6	7.356	332509	135198	2.4594	104.5101
Diphenhydramine	Diphenhydramine-D3	7.291	349601	178125	1.9627	107.0704
Promethazine	Promethazine-D3	7.466	80474	43775	1.8384	101.0648

ISP FORENSICS - Cd'A Instrument # 62340
Multi-Drug Confirmatory Analysis Report

Placal 5

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clonazepam	Clonazepam-D4	7.482	144841	18642	7.7696	107.6044
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.560	48093	21506	2.2363	99.1184
Carisoprodol	Carisoprodol-D7	7.592	404744	211209	1.9163	103.4698
Lorazepam	Alprazolam-D5	7.602	47346	132562	0.3572	81.9509
Alprazolam	Alprazolam-D5	7.626	341619	132562	2.5770	100.4816



ISP FORENSICS - Cd'A Instrument # 62340

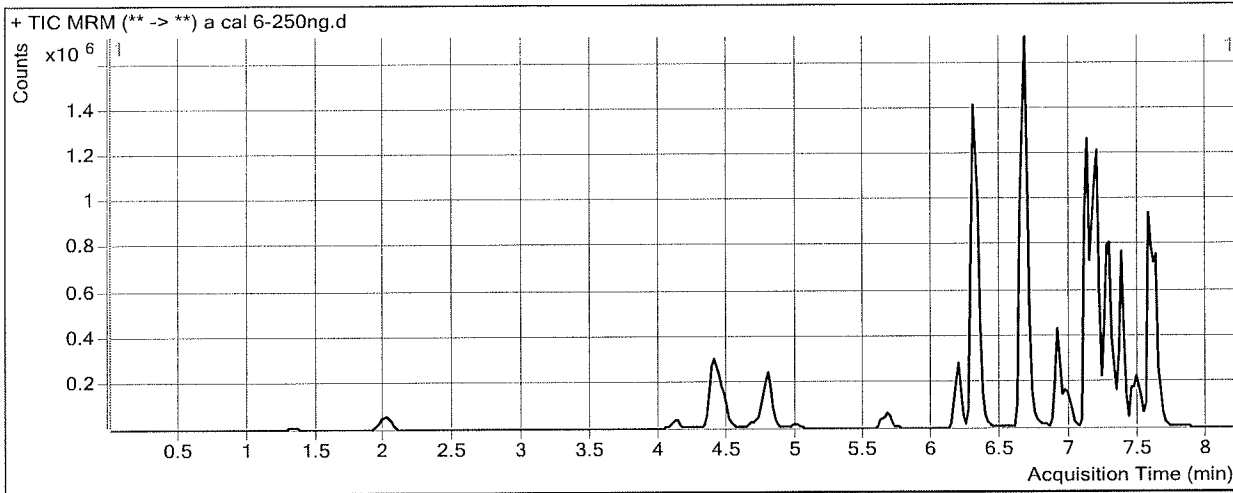
Multi-Drug Confirmatory Analysis Report

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Analysis Time 12/21/2017 10:07 AM **Analyst Name** ISP Tox
Report Time 12/21/2017 10:11 AM **Reporter Name** ISP Tox
Last Calib Update 12/21/2017 10:06 AM **Batch State** Processed

Analysis Info

Acq Time 2017-12-19 18:42 **Data File** a cal 6-250ng.d
Sample Type Calibration **Sample Name** a cal 6-250ng
Dilution 1 **Acq Method** Quant Panel 1a 10-17.m
Position P1-F1 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.348	41812	1619	25.8241	236.6228
Hydromorphone	Hydromorphone-D6	2.029	200350	27125	7.3861	247.5802
Codeine	Codeine-D6	4.115	91517	14018	6.5287	243.9718
Amphetamine	Amphetamine-D11	4.423	800344	39491	20.2666	254.6731
Oxycodone	Oxycodone-D6	4.469	433397	71581	6.0547	251.8180
Hydrocodone	Hydrocodone-D6	4.774	320496	71223	4.4999	258.5687
Norhydrocodone	Norhydrocodone-D3	4.799	20325	21127	0.9620	231.5328
Methamphetamine	Methamphetamine-D11	4.802	378244	62799	6.0231	257.9938
6-MAM	6-MAM-D6	5.008	18239	27497	0.6633	24.4337
Phentermine	Phentermine-D5	5.666	200513	129008	1.5543	260.6286
Dextroprphan	Dextroprphan-D3	6.183	318373	98981	3.2165	259.8473
7-aminoclonazepam	7-Aminoclonazepam-D4	6.292	424980	74754	5.6850	260.6448
Tramadol	Tramadol-13C-D3	6.302	2983849	627252	4.7570	252.8647
Doxylamine	Doxylamine-D5	6.662	2957470	598723	4.9396	247.5816
Bupropion	Bupropion-D9	6.910	810171	155156	5.2217	249.4172
Meprobamate	Meprobamate-D7	6.992	208775	44970	4.6426	250.0288
Zolpidem	Zolpidem-D6	7.183	2307489	479448	4.8128	248.9438
Venlafaxine	Venlafaxine-D6	7.125	2677041	478159	5.5986	258.4868
Citalopram	Citalopram-D6	7.237	723096	136527	5.2964	243.1935
Dextromethorphan	Dextromethorphan-D3	7.268	116669	22819	5.1129	223.4795
Trazodone	Trazodone-D6	7.356	1106024	186915	5.9173	252.2571
Diphenhydramine	Diphenhydramine-D3	7.291	987450	242300	4.0753	222.6737
Promethazine	Promethazine-D3	7.446	298947	65226	4.5832	253.0257

ISP FORENSICS - Cd'A Instrument # 62340
Multi-Drug Confirmatory Analysis Report

placal b

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clonazepam	Clonazepam-D4	7.482	308737	16266	18.9809	263.6418
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.560	107107	21693	4.9373	217.9256
Carisoprodol	Carisoprodol-D7	7.572	967855	207559	4.6630	253.2761
Lorazepam	Alprazolam-D5	7.602	98153	134386	0.7304	171.4593
Alprazolam	Alprazolam-D5	7.626	850685	134386	6.3301	247.2727



ISP FORENSICS - Cd'A Instrument # 62340

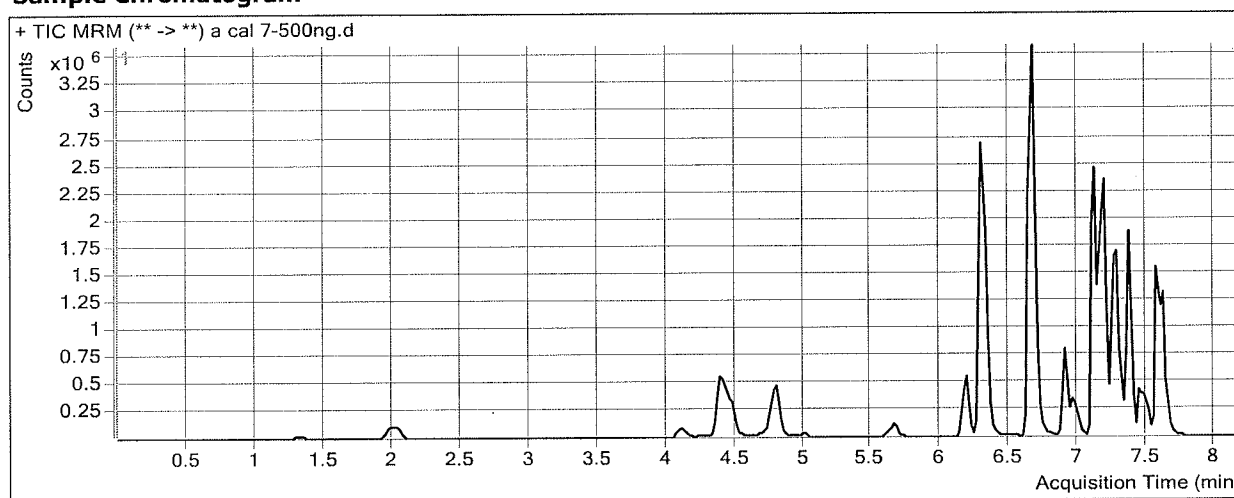
Multi-Drug Confirmatory Analysis Report

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Analysis Time 12/21/2017 10:07 AM **Analyst Name** ISP Tox
Report Time 12/21/2017 10:11 AM **Reporter Name** ISP Tox
Last Calib Update 12/21/2017 10:06 AM **Batch State** Processed

Analysis Info

Acq Time 2017-12-19 19:07 **Data File** a cal 7-500ng.d
Sample Type Calibration **Sample Name** a cal 7-500ng
Dilution 1 **Acq Method** Quant Panel 1a 10-17.m
Position P1-G1 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.328	87359	1523	57.3596	524.3033
Hydromorphone	Hydromorphone-D6	2.009	432019	27530	15.6927	527.2587
Codeine	Codeine-D6	4.115	190272	13931	13.6577	509.7273
Amphetamine	Amphetamine-D11	4.403	1552070	41612	37.2983	474.1414
Oxycodone	Oxycodone-D6	4.469	968126	77003	12.5726	523.3806
Hydrocodone	Hydrocodone-D6	4.774	663428	73915	8.9755	517.0258
Norhydrocodone	Norhydrocodone-D3	4.799	45724	19295	2.3697	567.9050
Methamphetamine	Methamphetamine-D11	4.802	776042	63139	12.2911	529.6058
6-MAM	6-MAM-D6	5.008	38254	28622	1.3365	49.2046
Phentermine	Phentermine-D5	5.666	405537	133304	3.0422	511.2708
Dextroprphan	Dextroprphan-D3	6.183	680608	106337	6.4005	517.6291
7-aminoclonazepam	7-Aminoclonazepam-D4	6.292	805432	71191	11.3136	520.5092
Tramadol	Tramadol-13C-D3	6.302	6272560	670316	9.3576	498.8708
Doxylamine	Doxylamine-D5	6.662	6307137	623425	10.1169	507.7012
Bupropion	Bupropion-D9	6.910	1596003	150869	10.5787	506.2634
Meprobamate	Meprobamate-D7	6.992	437075	48880	8.9418	481.1910
Zolpidem	Zolpidem-D6	7.183	4823105	488721	9.8688	511.5576
Venlafaxine	Venlafaxine-D6	7.125	5825265	531008	10.9702	507.1077
Citalopram	Citalopram-D6	7.237	1689717	156044	10.8285	497.4842
Dextromethorphan	Dextromethorphan-D3	7.268	266294	24719	10.7728	468.5706
Trazodone	Trazodone-D6	7.356	2888136	250016	11.5518	493.0105
Diphenhydramine	Diphenhydramine-D3	7.291	2683989	277903	9.6580	528.1562
Promethazine	Promethazine-D3	7.446	760143	82115	9.2570	511.7741

ISP FORENSICS - Cd'A Instrument # 62340
Multi-Drug Confirmatory Analysis Report

Plc cal 7

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clonazepam	Clonazepam-D4	7.482	485938	13650	35.6007	494.9528
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.560	193043	17028	11.3367	499.3986
Carisoprodol	Carisoprodol-D7	7.572	1708608	188524	9.0631	493.2563
Lorazepam	Alprazolam-D5	7.602	172122	114615	1.5017	356.4543
Alprazolam	Alprazolam-D5	7.626	1536247	114615	13.4036	523.9279

ISP FORENSICS - Cd'A Instrument # 62340

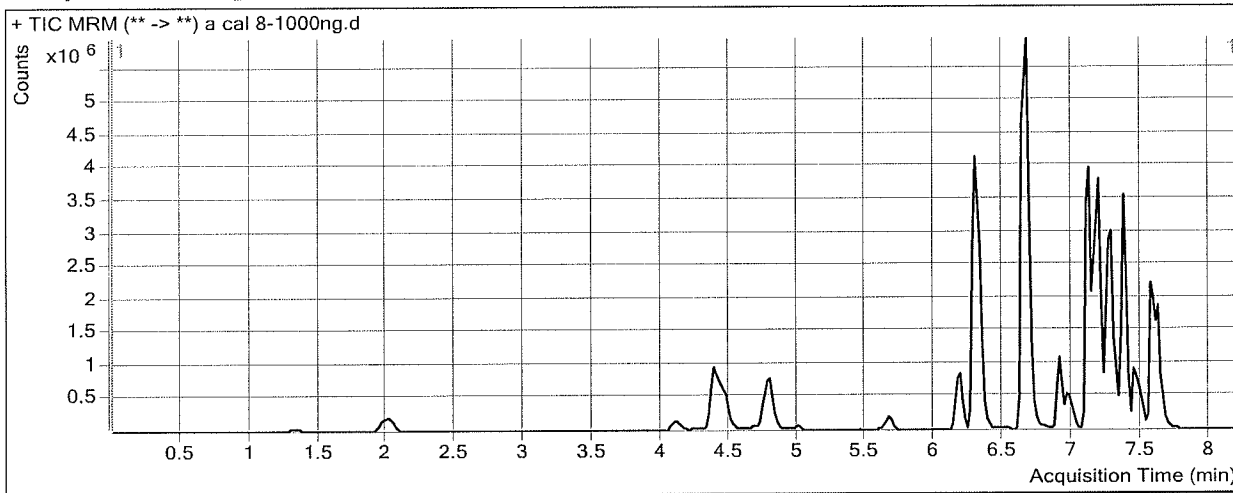
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1a.batch.bin
Analysis Time 12/21/2017 10:07 AM **Analyst Name** ISP Tox
Report Time 12/21/2017 10:11 AM **Reporter Name** ISP Tox
Last Calib Update 12/21/2017 10:06 AM **Batch State** Processed

Analysis Info

Acq Time 2017-12-19 19:33 **Data File** a cal 8-1000ng.d
Sample Type Calibration **Sample Name** a cal 8-1000ng
Dilution 1 **Acq Method** Quant Panel 1a 10-17.m
Position P1-H1 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.348	147867	1351	109.4405	999.4068
Hydromorphone	Hydromorphone-D6	2.009	755215	24636	30.6545	1031.0119
Codeine	Codeine-D6	4.115	319952	11840	27.0241	1007.9997
Amphetamine	Amphetamine-D11	4.403	2563209	38530	66.5254	850.7582
Oxycodone	Oxycodone-D6	4.469	1766190	69875	25.2763	1052.6630
Hydrocodone	Hydrocodone-D6	4.774	1145662	68079	16.8284	970.5189
Norhydrocodone	Norhydrocodone-D3	4.799	72689	16332	4.4508	1065.2033
Methamphetamine	Methamphetamine-D11	4.802	1339251	58709	22.8116	985.4953
6-MAM	6-MAM-D6	4.988	70166	25236	2.7804	102.3333
Phentermine	Phentermine-D5	5.666	697622	120786	5.7757	971.7354
Dextroprphan	Dextroprphan-D3	6.183	1099298	87152	12.6135	1020.6466
7-aminoclonazepam	7-Aminoclonazepam-D4	6.292	1197025	57529	20.8075	958.8252
Tramadol	Tramadol-13C-D3	6.302	10740586	577149	18.6097	993.6061
Doxylamine	Doxylamine-D5	6.662	11301222	590628	19.1343	960.7559
Bupropion	Bupropion-D9	6.910	2242458	104081	21.5454	1032.0647
Meprobamate	Meprobamate-D7	6.972	774307	40750	19.0013	1022.0745
Zolpidem	Zolpidem-D6	7.183	8112582	426901	19.0034	986.0141
Venlafaxine	Venlafaxine-D6	7.125	9629826	451923	21.3085	985.6133
Citalopram	Citalopram-D6	7.237	2793785	127254	21.9544	1008.9030
Dextromethorphan	Dextromethorphan-D3	7.268	530436	21429	24.7530	1073.9541
Trazodone	Trazodone-D6	7.356	5709529	254695	22.4171	957.2656
Diphenhydramine	Diphenhydramine-D3	7.291	5054712	260903	19.3739	1059.8066
Promethazine	Promethazine-D3	7.446	1736565	97310	17.8456	987.2553

ISP FORENSICS - Cd'A Instrument # 62340
Multi-Drug Confirmatory Analysis Report

Placal 8

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clonazepam	Clonazepam-D4	7.482	685397	10729	63.8822	888.5686
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.560	284559	12110	23.4974	1034.2898
Carisoprodol	Carisoprodol-D7	7.572	2559683	135892	18.8362	1026.2879
Lorazepam	Alprazolam-D5	7.602	238824	86300	2.7674	659.9858
Alprazolam	Alprazolam-D5	7.626	2287298	86300	26.5039	1036.3087

A

ISP FORENSICS - Cd'A Instrument # 62340

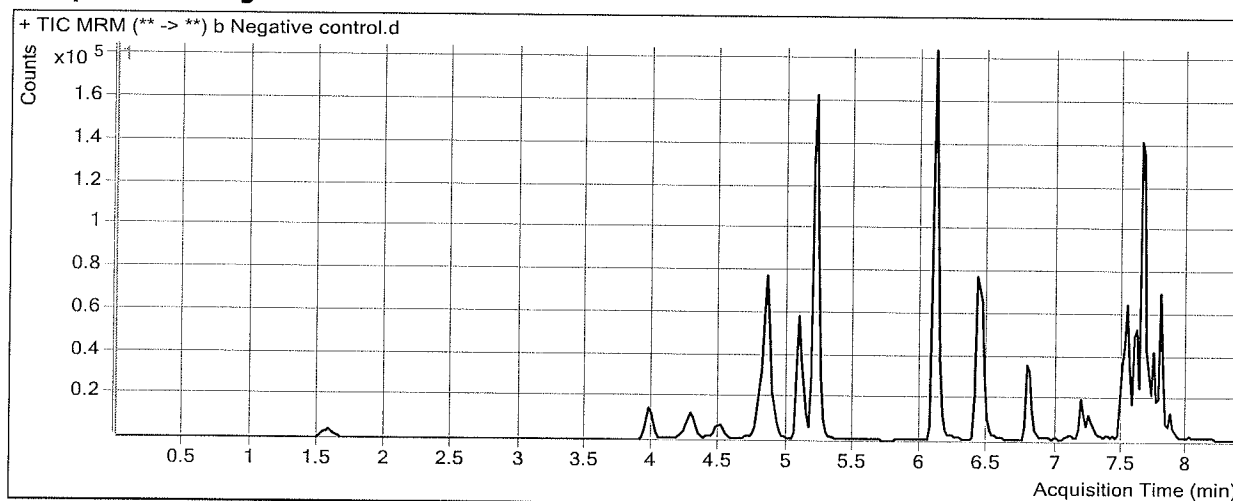
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1br.batch.bin
Analysis Time 12/21/2017 10:25 AM **Analyst Name** ISP Tox
Report Time 12/21/2017 10:27 AM **Reporter Name** ISP Tox
Last Calib Update 12/21/2017 10:25 AM **Batch State** Processed

Analysis Info

Acq Time 2017-12-19 20:23 **Data File** b Negative control.d
Sample Type Sample **Sample Name** b Negative control
Dilution 1 **Acq Method** Quant Panel 1b 10-2017.m
Position P1-E2 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



ISP FORENSICS - Cd'A Instrument # 62340

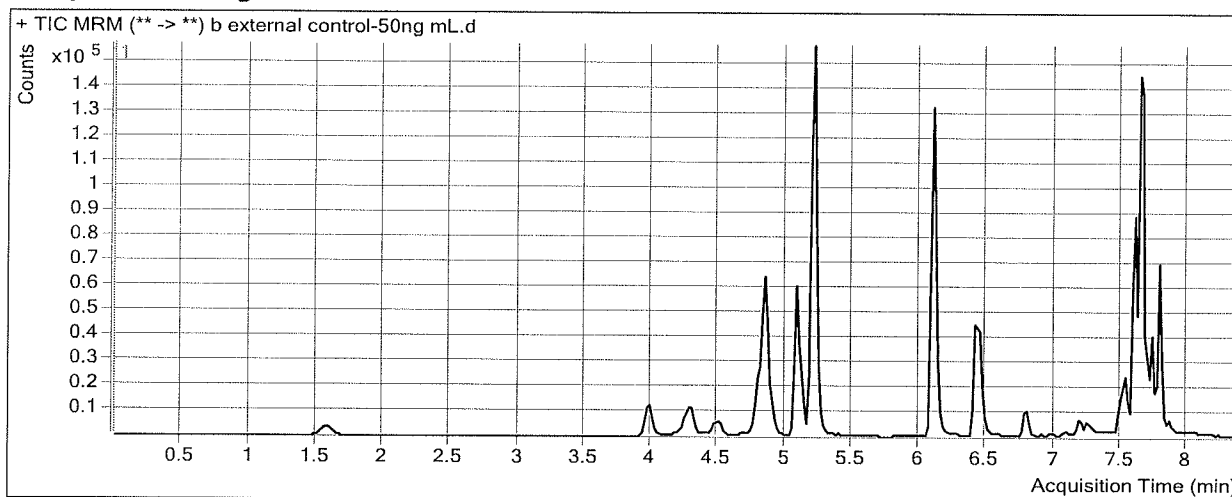
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1br.batch.bin
Analysis Time 12/21/2017 10:25 AM **Analyst Name** ISP Tox
Report Time 12/21/2017 10:27 AM **Reporter Name** ISP Tox
Last Calib Update 12/21/2017 10:25 AM **Batch State** Processed

Analysis Info

Acq Time 2017-12-19 20:49 **Data File** b external control-50ng mL.d
Sample Type Sample **Sample Name** b external control-50ng mL
Dilution 1 **Acq Method** Quant Panel 1b 10-2017.m
Position P1-F2 **Sample Info**
Inj Vol -1 **Comment** AM 28: lot 21718 50 ng oxazepam

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxazepam	Oxazepam-D5	7.609	71523	112870	0.6337	32.6034

ISP FORENSICS - Cd'A Instrument # 62340

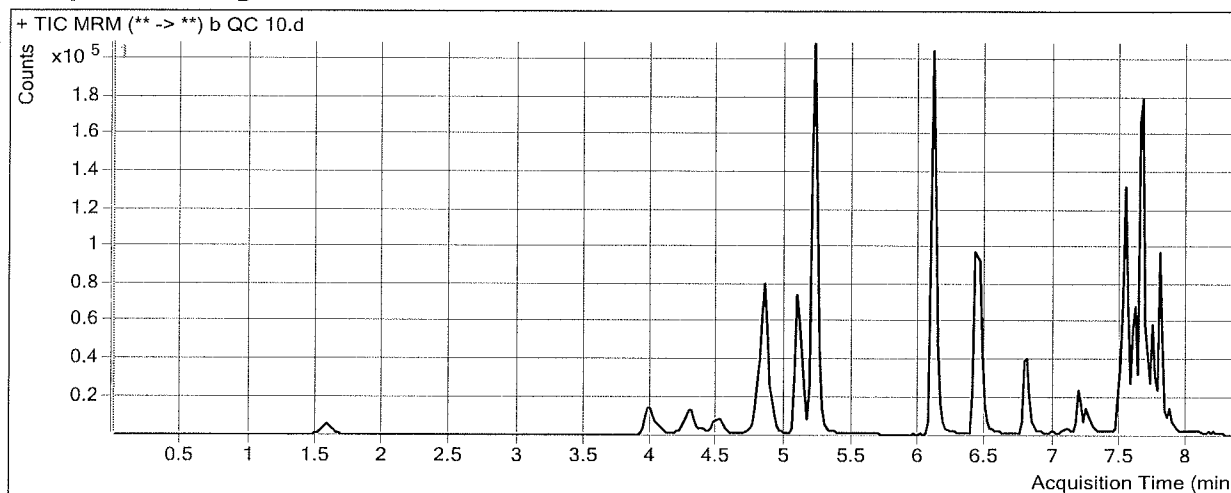
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1br.batch.bin
Analysis Time 12/21/2017 10:25 AM **Analyst Name** ISP Tox
Report Time 12/21/2017 10:27 AM **Reporter Name** ISP Tox
Last Calib Update 12/21/2017 10:25 AM **Batch State** Processed

Analysis Info

Acq Time 2017-12-19 21:14 **Data File** b QC 10.d
Sample Type QC **Sample Name** b QC 10
Dilution 1 **Acq Method** Quant Panel 1b 10-2017.m
Position P1-A2 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.608	6363	27515	0.2312	9.4899
Dihydrocodeine	Dihydrocodeine-D6	4.035	11759	64638	0.1819	8.6168
Naloxone	Naloxone-D5	4.370	8129	63413	0.1282	9.1765
Noroxycodone	Noroxycodone-D3	4.538	7291	32192	0.2265	9.7574
Naltrexone	Naltrexone-D3	4.810	19122	84973	0.2250	9.8062
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.924	5291	262765	0.0201	0.8566
Naltrexol	Naltrexol-D3	5.110	45599	179478	0.2541	9.0854
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.219	116106	558542	0.2079	9.4494
Ketamine	Ketamine-D4	6.116	43384	177684	0.2442	9.2408
Norfentanyl	Norfentanyl-D5	6.120	7261	383966	0.0189	0.9097
alpha-PVP	alpha-PVP-d8	6.447	59935	260251	0.2303	9.3647
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.800	2435	130735	0.0186	0.9758
Norbuprenorphine	Norbuprenorphine-D3	7.113	214	5433	0.0394	1.3336
Fentanyl	Fentanyl-D5	7.199	1291	57684	0.0224	1.0534
EDDP	EDDP-D3	7.249	4913	23548	0.2086	9.5295
Quetiapine	Quetiapine-D8	7.519	73158	95038	0.7698	9.8492
Cyclobenzaprine	Cyclobenzaprine-D3	7.512	3109	14800	0.2100	10.1105
Methadone	Methadone-D9	7.522	17854	103487	0.1725	9.5087
Fluoxetine	Fluoxetine-D6	7.584	5116	23481	0.2179	10.5405
Oxazepam	Oxazepam-D5	7.609	23508	124264	0.1892	10.2656
Sertraline	Sertraline-D3	7.645	800	4962	0.1613	6.7429
Temazepam	Temazepam-D5	7.667	72526	389693	0.1861	9.2219
Nordiazepam	Nordiazepam-D5	7.735	24848	75961	0.3271	9.2453

*outside curve range **

ISP FORENSICS - Cd'A Instrument # 62340
Multi-Drug Confirmatory Analysis Report

PIB QC10

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Buprenorphine	Buprenorphine-D4	7.937	621	26611	0.0233	0.8483
Diazepam	Diazepam-D5	7.790	37609	131560	0.2859	10.2686



ISP FORENSICS - Cd'A Instrument # 62340

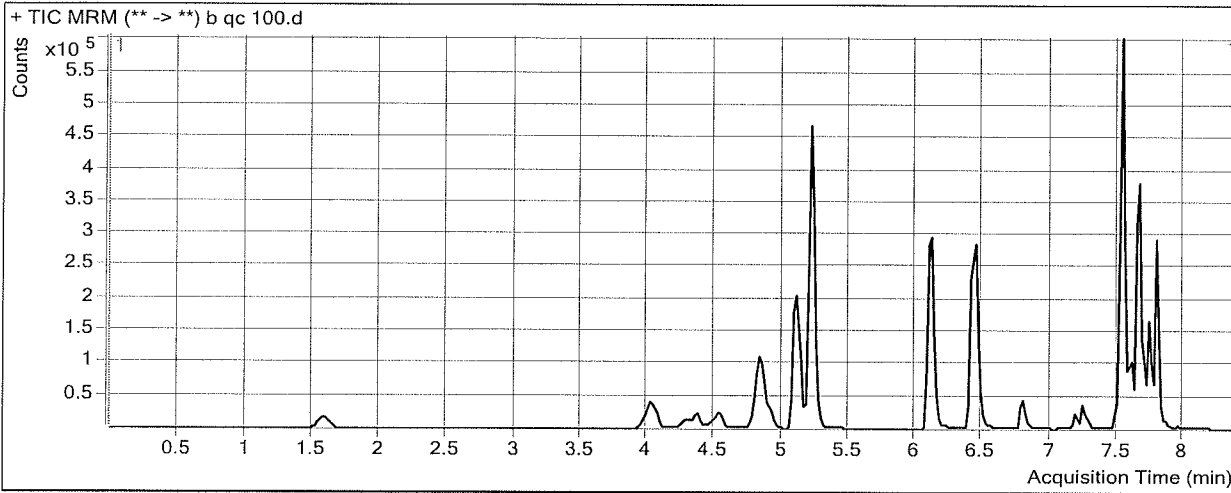
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1br.batch.bin
Analysis Time 12/21/2017 10:25 AM **Analyst Name** ISP Tox
Report Time 12/21/2017 10:27 AM **Reporter Name** ISP Tox
Last Calib Update 12/21/2017 10:25 AM **Batch State** Processed

Analysis Info

Acq Time 2017-12-20 00:37 **Data File** b qc 100.d
Sample Type QC **Sample Name** b qc 100
Dilution 1 **Acq Method** Quant Panel 1b 10-2017.m
Position P1-B2 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.608	57878	24241	2.3876	100.4082
Dihydrocodeine	Dihydrocodeine-D6	4.035	111340	58859	1.8916	103.4100
Naloxone	Naloxone-D5	4.370	76588	52604	1.4559	116.4023
Noroxycodone	Noroxycodone-D3	4.537	64329	27507	2.3386	94.8278
Naltrexone	Naltrexone-D3	4.830	149418	66551	2.2452	98.9208
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.924	52698	234842	0.2244	9.6368
Naltrexol	Naltrexol-D3	5.110	404698	159062	2.5443	102.6154
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.219	997077	481498	2.0708	99.5411
Ketamine	Ketamine-D4	6.116	378760	152667	2.4810	101.9431
Norfentanyl	Norfentanyl-D5	6.120	65544	342345	0.1915	9.9357
alpha-PVP	alpha-PVP-d8	6.447	530125	215741	2.4572	102.6298
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.800	20354	107204	0.1899	9.5775
Norbuprenorphine	Norbuprenorphine-D3	7.073	799	4144	0.1927	8.4694
Fentanyl	Fentanyl-D5	7.199	9696	45871	0.2114	8.9410
EDDP	EDDP-D3	7.249	48692	23589	2.0642	89.6230
Quetiapine	Quetiapine-D8	7.519	665174	85564	7.7740	105.2350
Sufentanil	Sufentanil-D5	7.518	3807	19817	0.1921	9.2346
Cyclobenzaprine	Cyclobenzaprine-D3	7.512	22945	12004	1.9114	77.0362
Methadone	Methadone-D9	7.522	142630	84584	1.6863	98.7509
Fluoxetine	Fluoxetine-D6	7.584	28362	16334	1.7364	82.8826
Oxazepam	Oxazepam-D5	7.609	130329	64418	2.0232	102.4306
Sertraline	Sertraline-D3	7.645	6273	3637	1.7249	80.7806
Temazepam	Temazepam-D5	7.667	561568	276996	2.0274	96.6910

ISP FORENSICS - Cd'A Instrument # 62340
Multi-Drug Confirmatory Analysis Report

PI b QC 100

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Nordiazepam	Nordiazepam-D5	7.735	187731	60749	3.0903	91.6890
Buprenorphine	Buprenorphine-D4	7.937	5025	20524	0.2448	10.7277
Diazepam	Diazepam-D5	7.790	305244	114720	2.6608	96.3056



ISP FORENSICS - Cd'A Instrument # 62340

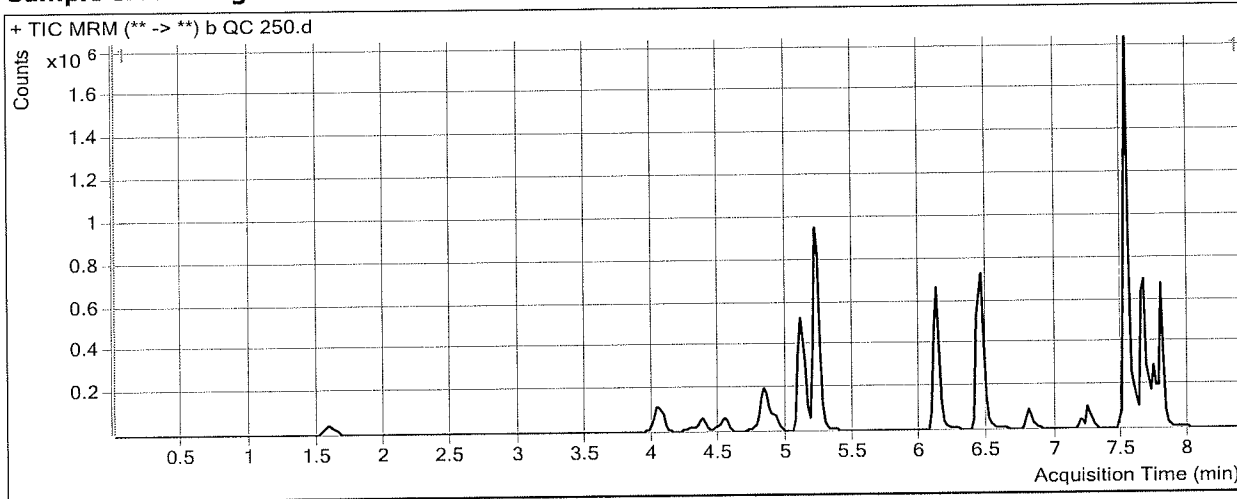
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1br.batch.bin
Analysis Time 12/21/2017 10:25 AM **Analyst Name** ISP Tox
Report Time 12/21/2017 10:27 AM **Reporter Name** ISP Tox
Last Calib Update 12/21/2017 10:25 AM **Batch State** Processed

Analysis Info

Acq Time 2017-12-20 04:12 **Data File** b QC 250.d
Sample Type QC **Sample Name** b QC 250
Dilution 1 **Acq Method** Quant Panel 1b 10-2017.m
Position P1-C2 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.608	165750	27162	6.1022	257.0288
Dihydrocodeine	Dihydrocodeine-D6	4.055	305998	66332	4.6131	254.2989
Naloxone	Naloxone-D5	4.370	222647	60532	3.6781	295.8672
Noroxycodone	Noroxycodone-D3	4.537	179608	31140	5.7678	232.9456
Naltrexone	Naltrexone-D3	4.830	376561	66462	5.6658	249.8138
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.924	147932	259680	0.5697	24.4784
Naltrexol	Naltrexol-D3	5.110	1138724	176583	6.4487	262.0668
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.219	2641460	520283	5.0770	244.9229
Ketamine	Ketamine-D4	6.116	1027310	170935	6.0099	248.1995
Norfentanyl	Norfentanyl-D5	6.120	190709	386661	0.4932	25.7209
alpha-PVP	alpha-PVP-d8	6.447	1588534	250036	6.3532	265.7961
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.800	78708	166041	0.4740	23.8523
Norbuprenorphine	Norbuprenorphine-D3	7.093	2600	4960	0.5243	23.9017
Fentanyl	Fentanyl-D5	7.199	34638	68059	0.5089	21.3594
EDDP	EDDP-D3	7.249	167071	28342	5.8948	254.9721
Quetiapine	Quetiapine-D8	7.519	2215572	116962	18.9427	257.3338
Sufentanil	Sufentanil-D5	7.518	16339	31457	0.5194	24.3678
Cyclobenzaprine	Cyclobenzaprine-D3	7.512	94199	16501	5.7086	226.4050
Methadone	Methadone-D9	7.522	509610	127610	3.9935	234.7752
Fluoxetine	Fluoxetine-D6	7.584	117275	23193	5.0565	241.0530
Oxazepam	Oxazepam-D5	7.609	215358	37381	5.7611	290.2761
Sertraline	Sertraline-D3	7.645	25153	4993	5.0375	237.6384
Temazepam	Temazepam-D5	7.667	1299453	252764	5.1410	244.6053

ISP FORENSICS - Cd'A Instrument # 62340
Multi-Drug Confirmatory Analysis Report

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Nordiazepam	Nordiazepam-D5	7.735	435391	57164	7.6165	226.7359
Buprenorphine	Buprenorphine-D4	7.937	17632	28171	0.6259	27.7248
Diazepam	Diazepam-D5	7.790	823002	127659	6.4469	233.4669



ISP FORENSICS - Cd'A Instrument # 62340

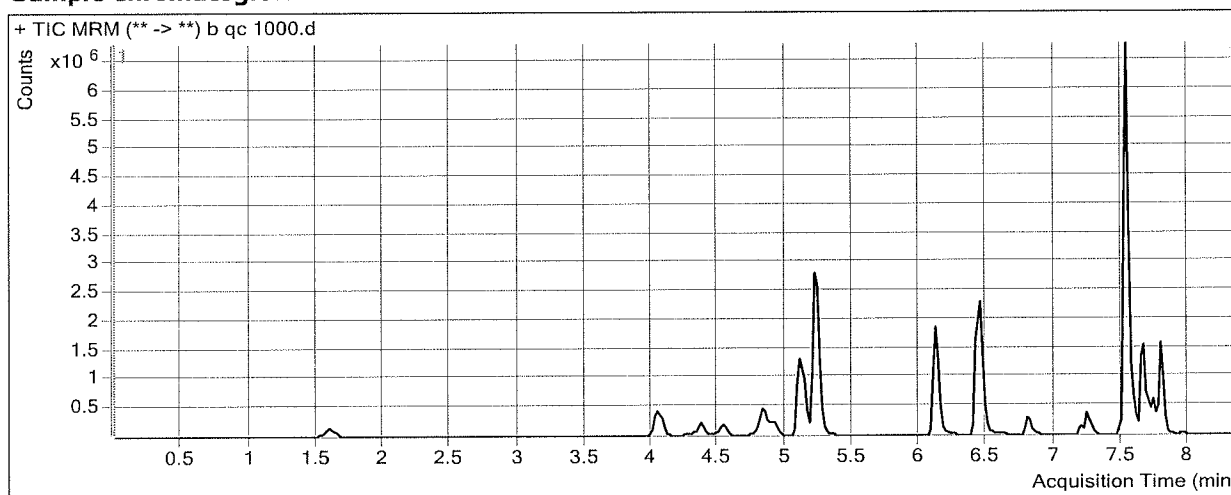
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1br.batch.bin
Analysis Time 12/21/2017 10:25 AM **Analyst Name** ISP Tox
Report Time 12/21/2017 10:27 AM **Reporter Name** ISP Tox
Last Calib Update 12/21/2017 10:25 AM **Batch State** Processed

Analysis Info

Acq Time	2017-12-20 04:38	Data File	b qc 1000.d
Sample Type	QC	Sample Name	b qc 1000
Dilution	1	Acq Method	Quant Panel 1b 10-2017.m
Position	P1-D2	Sample Info	
Inj Vol	-1	Comment	AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.608	608217	25542	23.8123	1003.7365
Dihydrocodeine	Dihydrocodeine-D6	4.055	1039933	61848	16.8143	930.7806
Naloxone	Naloxone-D5	4.370	747012	55782	13.3916	1080.3206
Noroxycodone	Noroxycodone-D3	4.538	625579	25799	24.2478	977.2678
Naltrexone	Naltrexone-D3	4.830	1071628	46990	22.8057	1005.9071
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.924	597575	230052	2.5976	111.6477
Naltrexol	Naltrexol-D3	5.110	3420306	142771	23.9567	977.0747
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.219	9374923	459482	20.4032	986.1140
Ketamine	Ketamine-D4	6.116	3529848	156406	22.5685	934.4595
Norfentanyl	Norfentanyl-D5	6.120	640222	332300	1.9266	100.7029
alpha-PVP	alpha-PVP-d8	6.447	5495660	221896	24.7669	1036.9680
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.800	466621	228582	2.0414	102.5850
Norbuprenorphine	Norbuprenorphine-D3	7.093	10782	5346	2.0170	93.3865
Fentanyl	Fentanyl-D5	7.199	197225	79526	2.4800	103.6206
EDDP	EDDP-D3	7.249	696156	31218	22.2995	963.0732
Quetiapine	Quetiapine-D8	7.519	8088555	119527	67.6712	920.9336
Sufentanil	Sufentanil-D5	7.518	95269	47262	2.0158	93.5555
Cyclobenzaprine	Cyclobenzaprine-D3	7.512	559958	24071	23.2627	916.9192
Methadone	Methadone-D9	7.522	2542760	144428	17.6057	1037.2874
Fluoxetine	Fluoxetine-D6	7.584	743268	34514	21.5351	1026.0882
Oxazepam	Oxazepam-D5	7.609	382620	17977	21.2835	1070.3391
Sertraline	Sertraline-D3	7.645	192062	8198	23.4270	1108.4144
Temazepam	Temazepam-D5	7.667	3119446	145929	21.3765	1015.8823

ISP FORENSICS - Cd'A Instrument # 62340
Multi-Drug Confirmatory Analysis Report

P1 b QC 1000

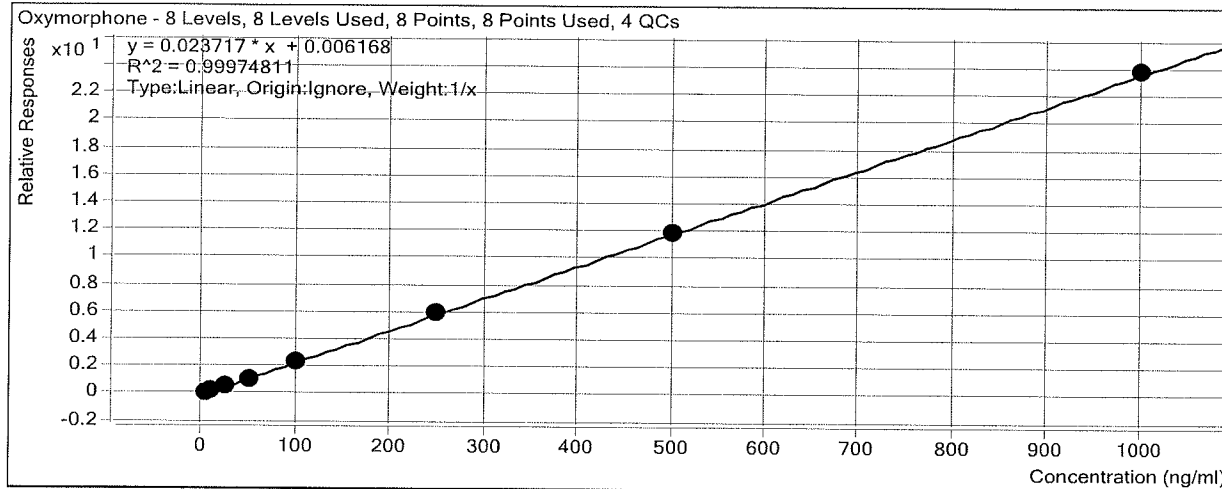
Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Nordiazepam	Nordiazepam-D5	7.735	856440	30998	27.6288	823.8352
Buprenorphine	Buprenorphine-D4	7.937	83119	31646	2.6265	116.9572
Diazepam	Diazepam-D5	7.790	2382746	87853	27.1219	982.4742

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1br.batch.bin

Last Calib Update 12/21/2017 10:25 AM **Analyst Name** ISP TOX

Target Compound Oxymorphone
Internal Standard Oxymorphone-D3



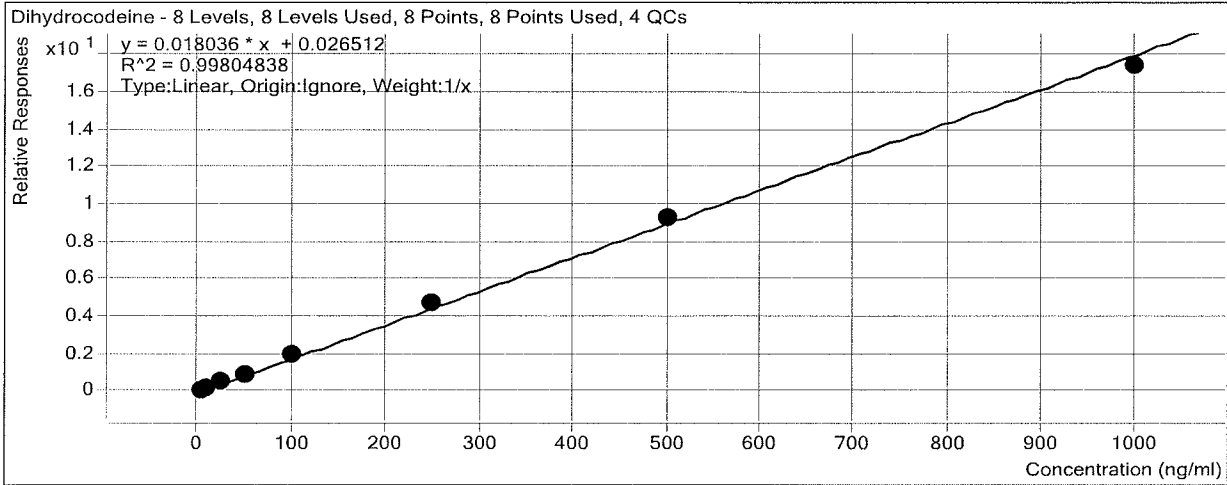
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b QC 10	2	<input checked="" type="checkbox"/>	10	9.5	94.9
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.6	98.4
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	46.2	92.3
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.5	98.5
b qc 100	5	<input checked="" type="checkbox"/>	100	100.4	100.4
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	254.4	101.8
b QC 250	6	<input checked="" type="checkbox"/>	250	257.0	102.8
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	498.1	99.6
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1002.7	100.3
b qc 1000	8	<input checked="" type="checkbox"/>	1000	1003.7	100.4

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1br.batch.bin

Last Calib Update 12/21/2017 10:25 AM **Analyst Name** ISP TOX

Target Compound Dihydrocodeine
Internal Standard Dihydrocodeine-D6



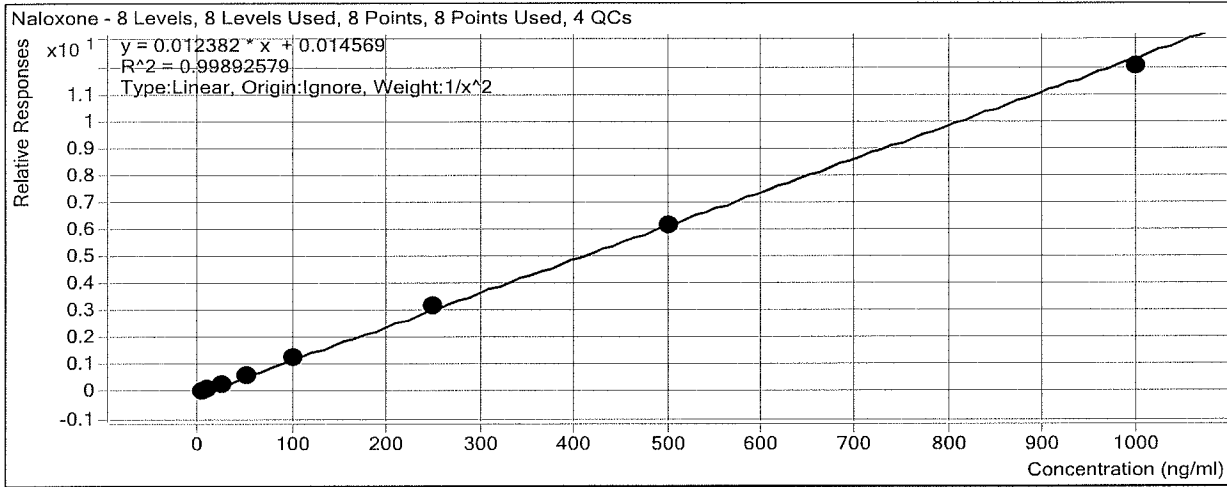
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b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.5	94.5
b QC 10	2	<input checked="" type="checkbox"/>	10	8.6	86.2
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.2	100.9
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.8	101.6
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	108.6	108.6
b qc 100	5	<input checked="" type="checkbox"/>	100	103.4	103.4
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	263.6	105.4
b QC 250	6	<input checked="" type="checkbox"/>	250	254.3	101.7
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	515.4	103.1
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	962.5	96.2
b qc 1000	8	<input checked="" type="checkbox"/>	1000	930.8	93.1

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1br.batch.bin

Last Calib Update 12/21/2017 10:25 AM **Analyst Name** ISP TOX

Target Compound *Naloxone*
Internal Standard *Naloxone-D5*



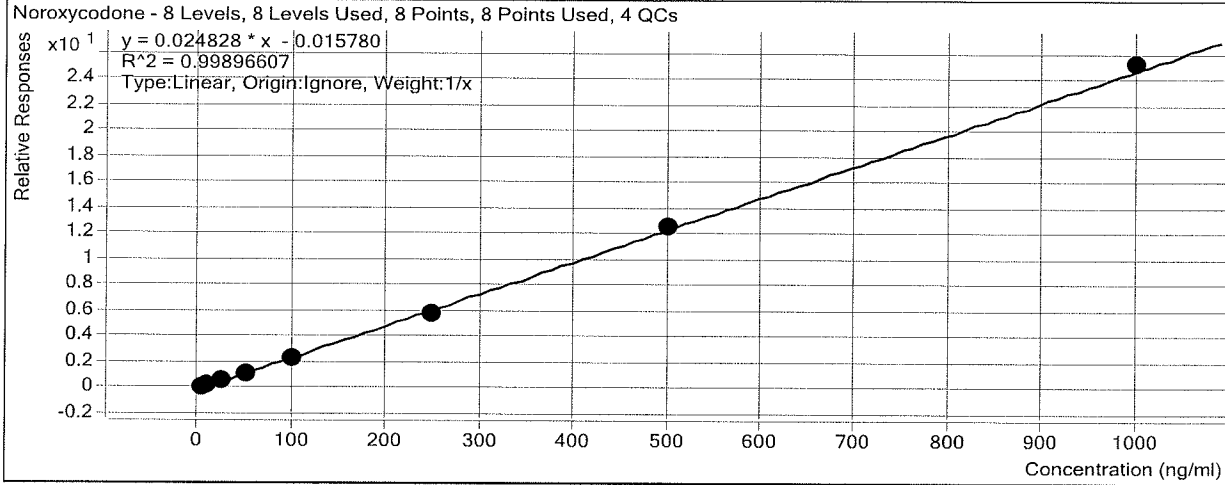
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.9	98.5
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.3	103.5
b QC 10	2	<input checked="" type="checkbox"/>	10	9.2	91.8
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.2	96.8
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	52.2	104.4
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	99.2	99.2
b qc 100	5	<input checked="" type="checkbox"/>	100	116.4	116.4
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	253.3	101.3
b QC 250	6	<input checked="" type="checkbox"/>	250	295.9	118.3
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	497.0	99.4
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	968.5	96.8
b qc 1000	8	<input checked="" type="checkbox"/>	1000	1080.3	108.0

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1br.batch.bin

Last Calib Update 12/21/2017 10:25 AM **Analyst Name** ISP TOX

Target Compound *Noroxycodone*
Internal Standard *Noroxycodone-D3*



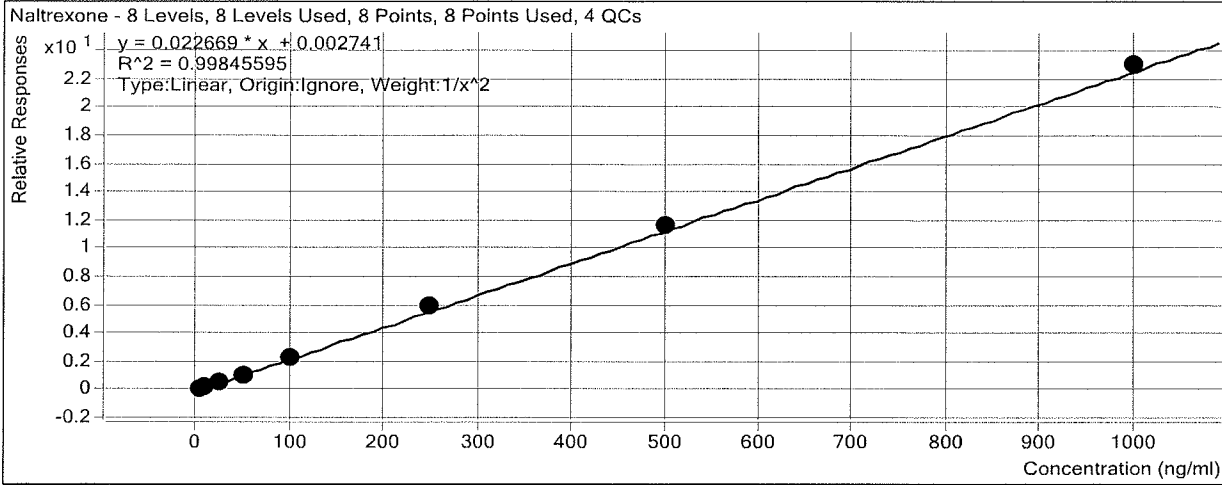
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.6	112.9
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.4	104.4
b QC 10	2	<input checked="" type="checkbox"/>	10	9.8	97.6
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.9	99.6
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	44.9	89.9
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	95.5	95.5
b qc 100	5	<input checked="" type="checkbox"/>	100	94.8	94.8
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	236.8	94.7
b QC 250	6	<input checked="" type="checkbox"/>	250	232.9	93.2
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	507.9	101.6
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1013.8	101.4
b qc 1000	8	<input checked="" type="checkbox"/>	1000	977.3	97.7

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1br.batch.bin

Last Calib Update 12/21/2017 10:25 AM **Analyst Name** ISP TOX

Target Compound Naltrexone
Internal Standard Naltrexone-D3



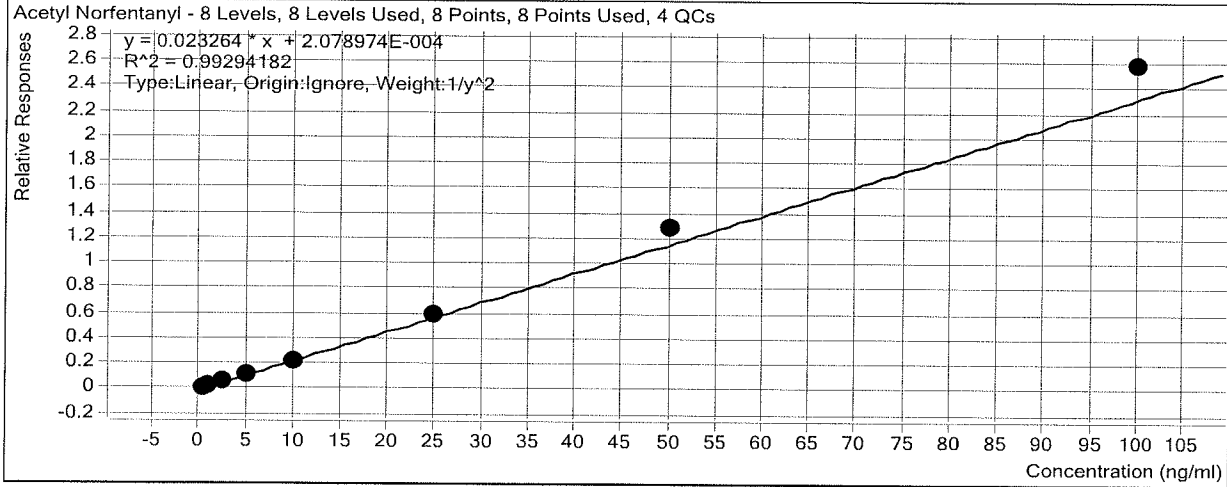
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	102.4
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.6	96.3
b QC 10	2	<input checked="" type="checkbox"/>	10	9.8	98.1
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.0	99.9
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.2	94.4
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.3	98.3
b qc 100	5	<input checked="" type="checkbox"/>	100	98.9	98.9
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	259.4	103.8
b QC 250	6	<input checked="" type="checkbox"/>	250	249.8	99.9
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	516.7	103.3
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1015.9	101.6
b qc 1000	8	<input checked="" type="checkbox"/>	1000	1005.9	100.6

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1br.batch.bin

Last Calib Update 12/21/2017 10:25 AM **Analyst Name** ISP TOX

Target Compound *Acetyl Norfentanyl*
Internal Standard *Acetyl Norfentanyl-D5*



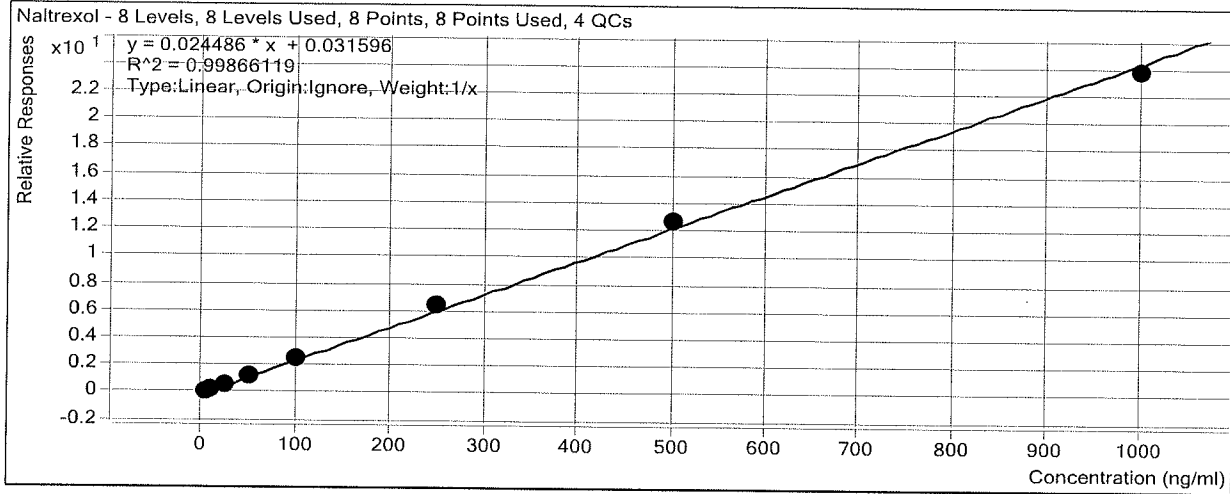
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	0.5	0.5	106.2
b cal 2-10ng	2	<input checked="" type="checkbox"/>	1	0.9	93.7
b QC 10	2	<input checked="" type="checkbox"/>	1	0.9	85.7
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.4	95.9
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	4.7	93.2
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	9.5	95.0
b qc 100	5	<input checked="" type="checkbox"/>	10	9.6	96.4
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	25.6	102.5
b QC 250	6	<input checked="" type="checkbox"/>	25	24.5	97.9
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	55.1	110.2
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	110.7	110.7
b qc 1000	8	<input checked="" type="checkbox"/>	100	111.6	111.6

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1br.batch.bin

Last Calib Update 12/21/2017 10:25 AM **Analyst Name** ISP TOX

Target Compound *Naltrexol*
Internal Standard *Naltrexol-D3*



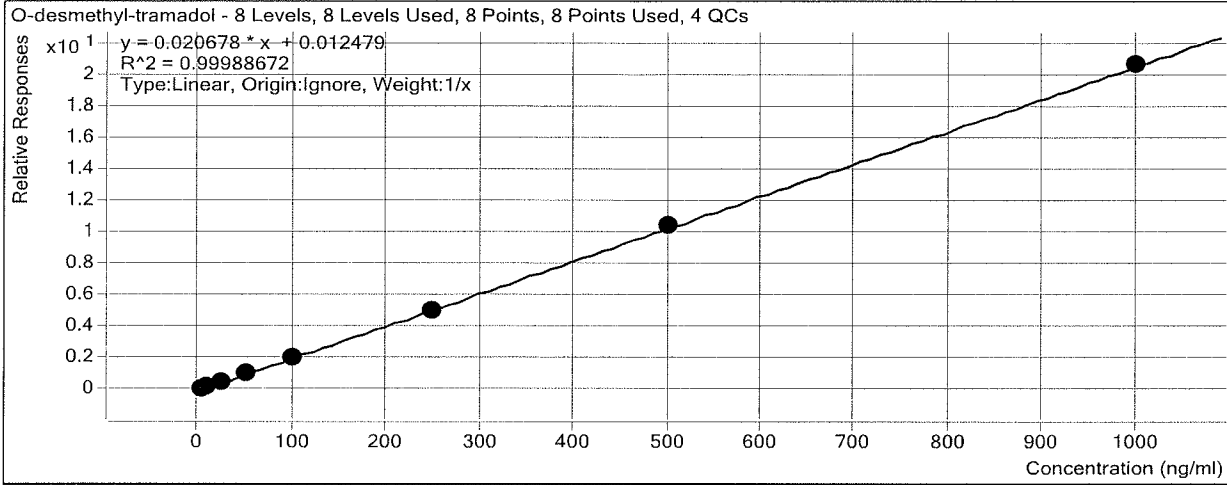
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.6	91.4
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	98.4
b QC 10	2	<input checked="" type="checkbox"/>	10	9.1	90.9
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.9	99.7
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.0	102.0
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	103.2	103.2
b qc 100	5	<input checked="" type="checkbox"/>	100	102.6	102.6
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	264.1	105.6
b QC 250	6	<input checked="" type="checkbox"/>	250	262.1	104.8
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	514.2	102.8
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	968.2	96.8
b qc 1000	8	<input checked="" type="checkbox"/>	1000	977.1	97.7

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1br.batch.bin

Last Calib Update 12/21/2017 10:25 AM **Analyst Name** ISP TOX

Target Compound *O-desmethyl-tramadol*
Internal Standard *O-desmethyl-tramadol-D6*



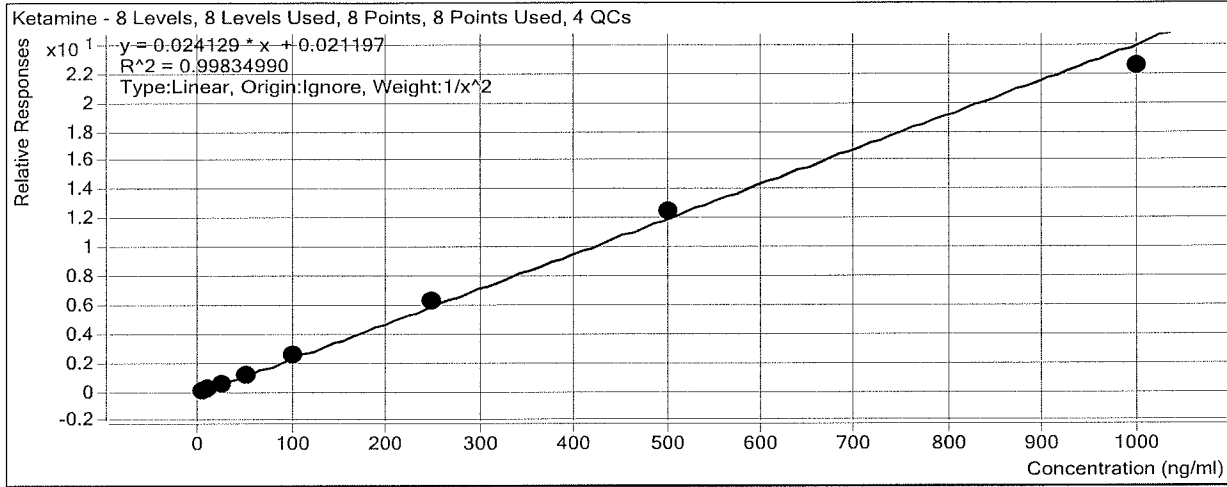
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	101.1
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.0	100.2
b QC 10	2	<input checked="" type="checkbox"/>	10	9.4	94.5
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.0	100.0
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.1	98.1
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	101.8	101.8
b qc 100	5	<input checked="" type="checkbox"/>	100	99.5	99.5
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	244.6	97.9
b QC 250	6	<input checked="" type="checkbox"/>	250	244.9	98.0
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	504.2	100.8
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1000.2	100.0
b qc 1000	8	<input checked="" type="checkbox"/>	1000	986.1	98.6

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1br.batch.bin

Last Calib Update 12/21/2017 10:25 AM **Analyst Name** ISP TOX

Target Compound Ketamine
Internal Standard Ketamine-D4



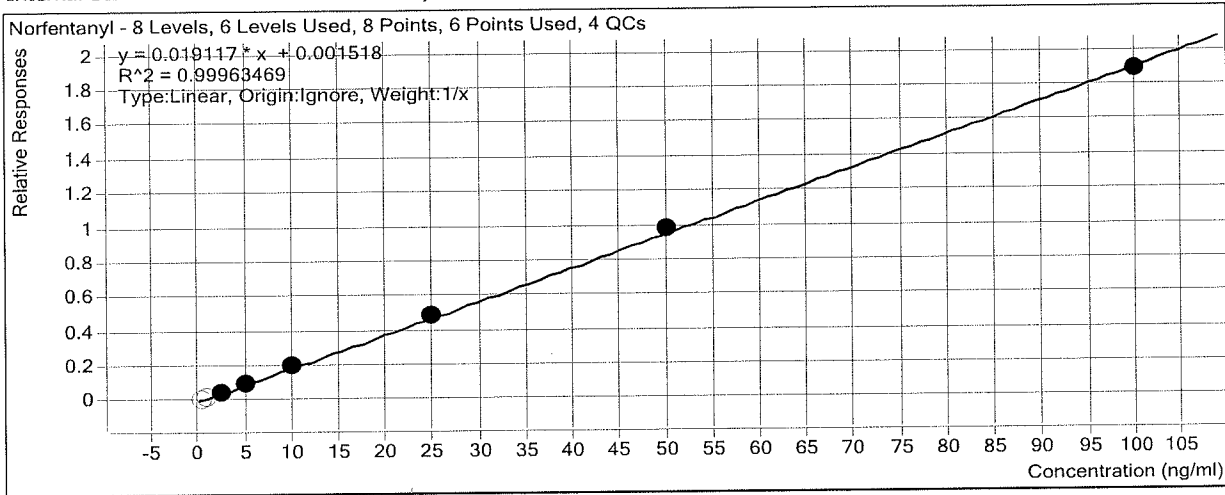
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	100.7
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.9	99.0
b QC 10	2	<input checked="" type="checkbox"/>	10	9.2	92.4
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.6	98.6
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.1	98.3
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	104.1	104.1
b qc 100	5	<input checked="" type="checkbox"/>	100	101.9	101.9
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	257.7	103.1
b QC 250	6	<input checked="" type="checkbox"/>	250	248.2	99.3
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	515.1	103.0
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	932.5	93.3
b qc 1000	8	<input checked="" type="checkbox"/>	1000	934.5	93.4

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1br.batch.bin

Last Calib Update 12/21/2017 10:25 AM **Analyst Name** ISP TOX

Target Compound *Norfentanyl*
Internal Standard *Norfentanyl-D5*



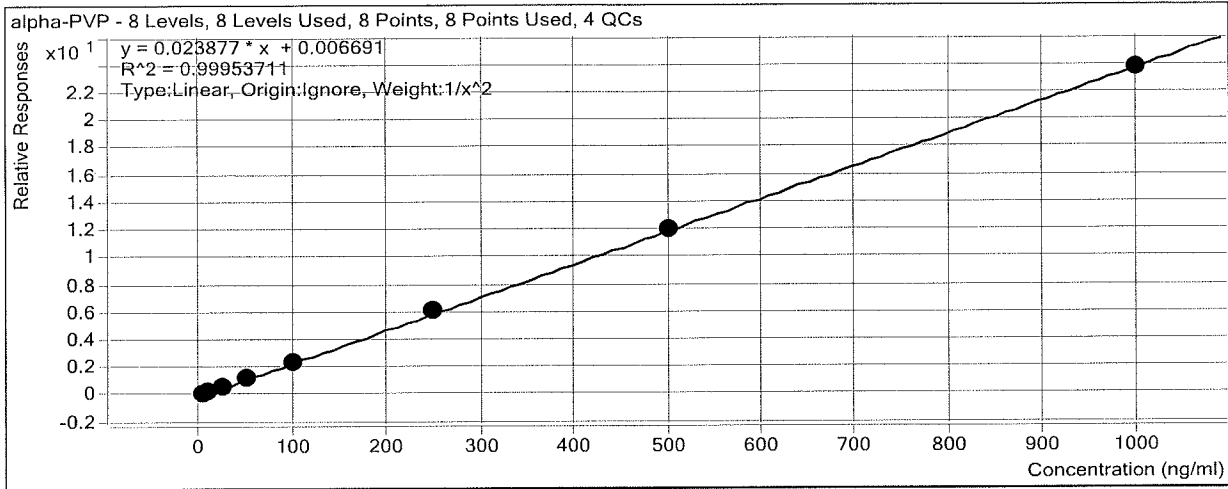
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input type="checkbox"/>	0.5	0.5	92.8
b cal 2-10ng	2	<input type="checkbox"/>	1	0.9	93.7
b QC 10	2	<input checked="" type="checkbox"/>	1	0.9	91.0
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.4	96.1
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	5.0	100.5
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	10.2	101.9
b qc 100	5	<input checked="" type="checkbox"/>	10	9.9	99.4
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	25.2	100.7
b QC 250	6	<input checked="" type="checkbox"/>	25	25.7	102.9
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	51.1	102.2
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	98.6	98.6
b qc 1000	8	<input checked="" type="checkbox"/>	100	100.7	100.7

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1br.batch.bin

Last Calib Update 12/21/2017 10:25 AM **Analyst Name** ISP TOX

Target Compound *alpha-PVP*
Internal Standard *alpha-PVP-d8*



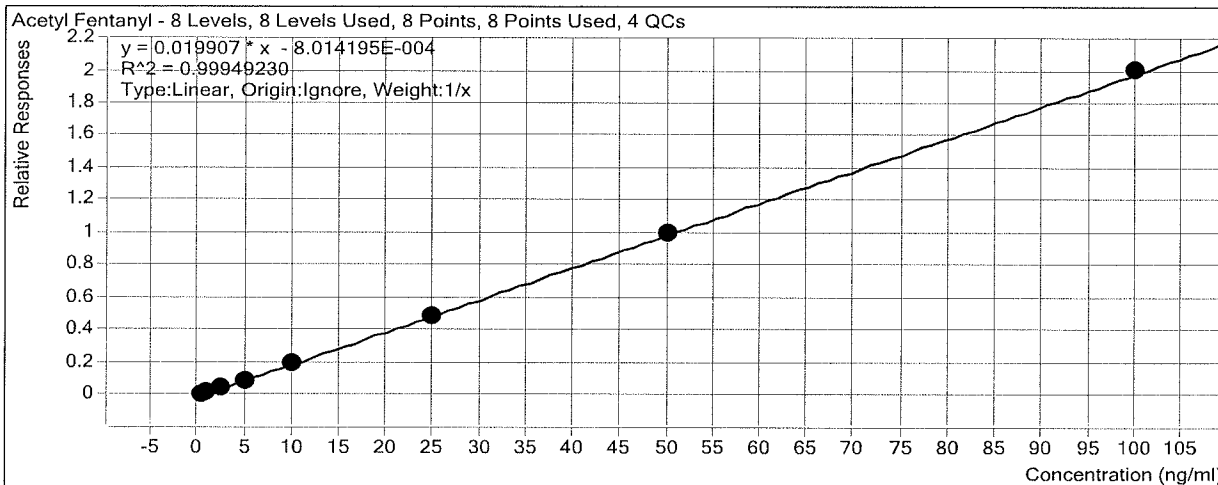
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	99.9
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.2	101.6
b QC 10	2	<input checked="" type="checkbox"/>	10	9.4	93.6
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.0	95.9
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.8	99.6
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	101.4	101.4
b qc 100	5	<input checked="" type="checkbox"/>	100	102.6	102.6
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	253.6	101.4
b QC 250	6	<input checked="" type="checkbox"/>	250	265.8	106.3
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	503.7	100.7
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	993.8	99.4
b qc 1000	8	<input checked="" type="checkbox"/>	1000	1037.0	103.7

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1br.batch.bin

Last Calib Update 12/21/2017 10:25 AM **Analyst Name** ISP TOX

Target Compound *Acetyl Fentanyl*
Internal Standard *Acetyl Fentanyl-D5*



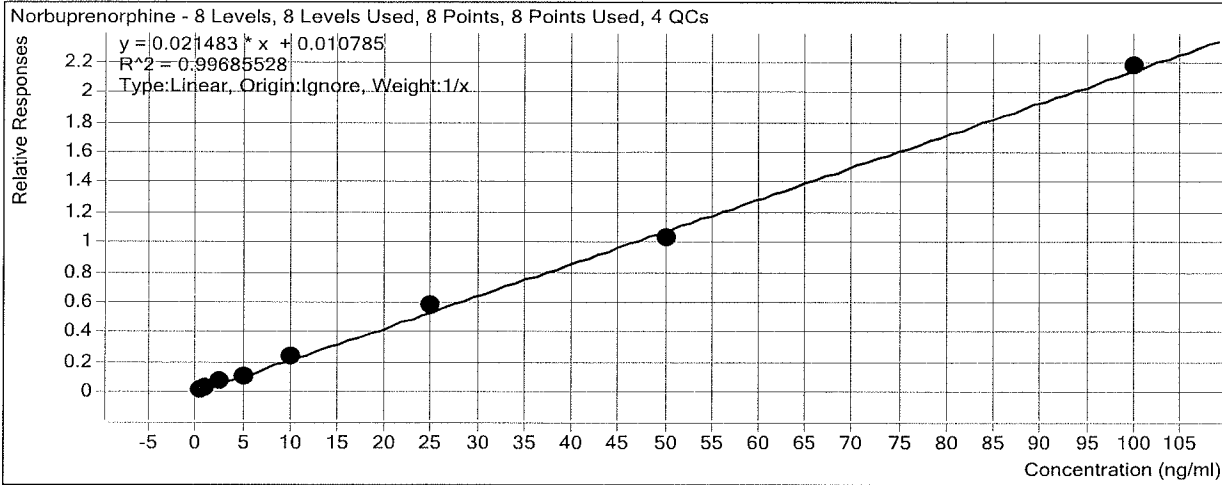
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	0.5	0.6	118.2
b cal 2-10ng	2	<input checked="" type="checkbox"/>	1	0.9	94.6
b QC 10	2	<input checked="" type="checkbox"/>	1	1.0	97.6
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.5	99.0
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	4.5	89.1
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	9.9	99.0
b qc 100	5	<input checked="" type="checkbox"/>	10	9.6	95.8
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	24.7	98.7
b QC 250	6	<input checked="" type="checkbox"/>	25	23.9	95.4
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	50.4	100.7
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	100.6	100.6
b qc 1000	8	<input checked="" type="checkbox"/>	100	102.6	102.6

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1br.batch.bin

Last Calib Update 12/21/2017 10:25 AM **Analyst Name** ISP TOX

Target Compound *Norbuprenorphine*
Internal Standard *Norbuprenorphine-D3*



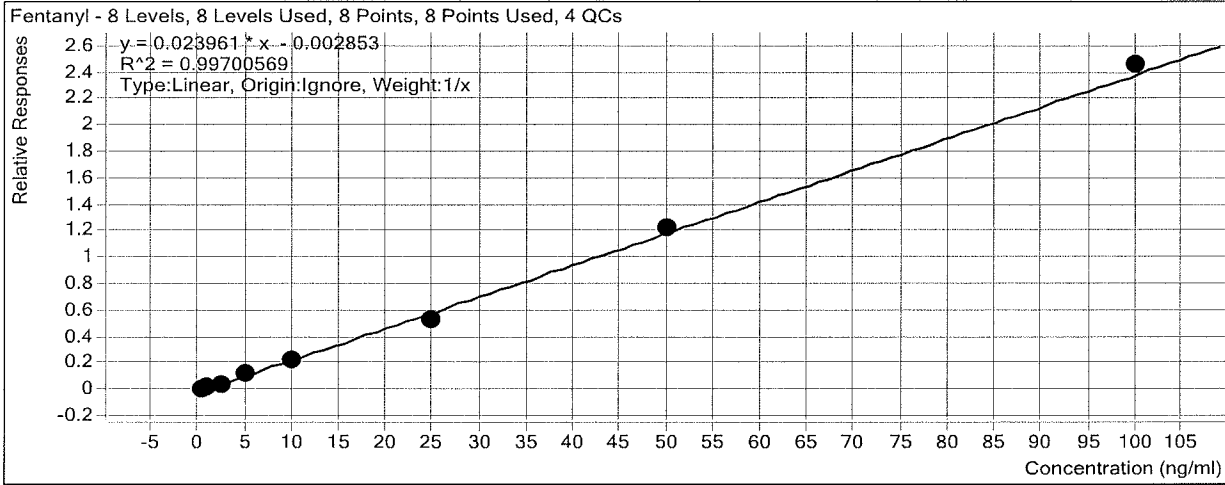
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	0.5	0.6	115.4
b cal 2-10ng	2	<input checked="" type="checkbox"/>	1	0.8	77.9
b QC 10	2	<input checked="" type="checkbox"/>	1	1.3	133.4
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.8	113.3
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	4.1	82.6
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	10.9	109.1
b qc 100	5	<input checked="" type="checkbox"/>	10	8.5	84.7
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	26.5	105.9
b QC 250	6	<input checked="" type="checkbox"/>	25	23.9	95.6
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	47.5	95.0
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	100.8	100.8
b qc 1000	8	<input checked="" type="checkbox"/>	100	93.4	93.4

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1br.batch.bin

Last Calib Update 12/21/2017 10:25 AM **Analyst Name** ISP TOX

Target Compound *Fentanyl*
Internal Standard *Fentanyl-D5*



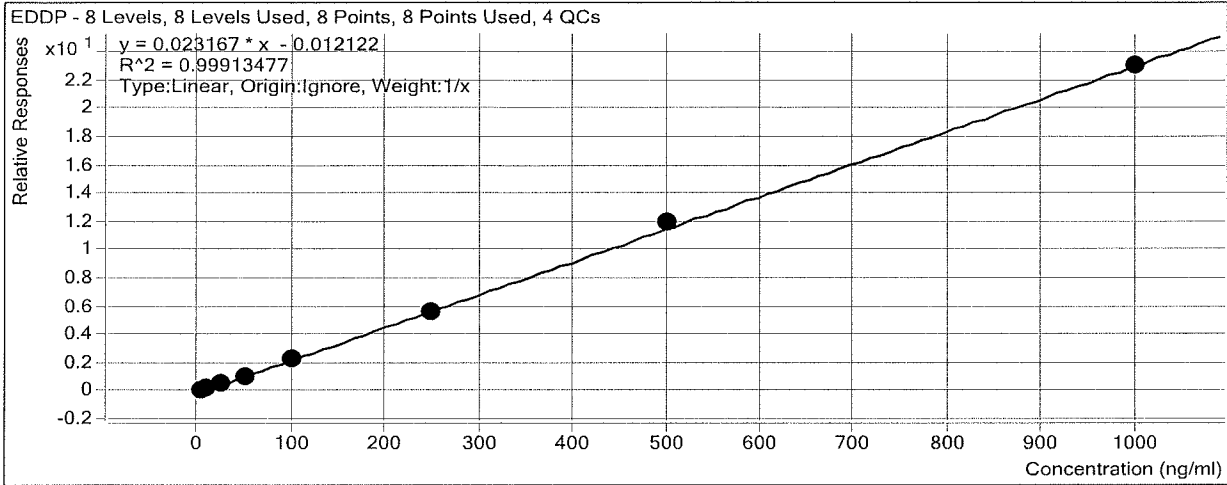
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	0.5	0.6	121.7
b cal 2-10ng	2	<input checked="" type="checkbox"/>	1	1.1	108.5
b QC 10	2	<input checked="" type="checkbox"/>	1	1.1	105.3
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.0	80.7
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	5.1	102.1
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	9.3	93.0
b qc 100	5	<input checked="" type="checkbox"/>	10	8.9	89.4
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	22.4	89.6
b QC 250	6	<input checked="" type="checkbox"/>	25	21.4	85.4
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	50.9	101.8
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	102.6	102.6
b qc 1000	8	<input checked="" type="checkbox"/>	100	103.6	103.6

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1br.batch.bin

Last Calib Update 12/21/2017 10:25 AM **Analyst Name** ISP TOX

Target Compound EDDP
Internal Standard EDDP-D3



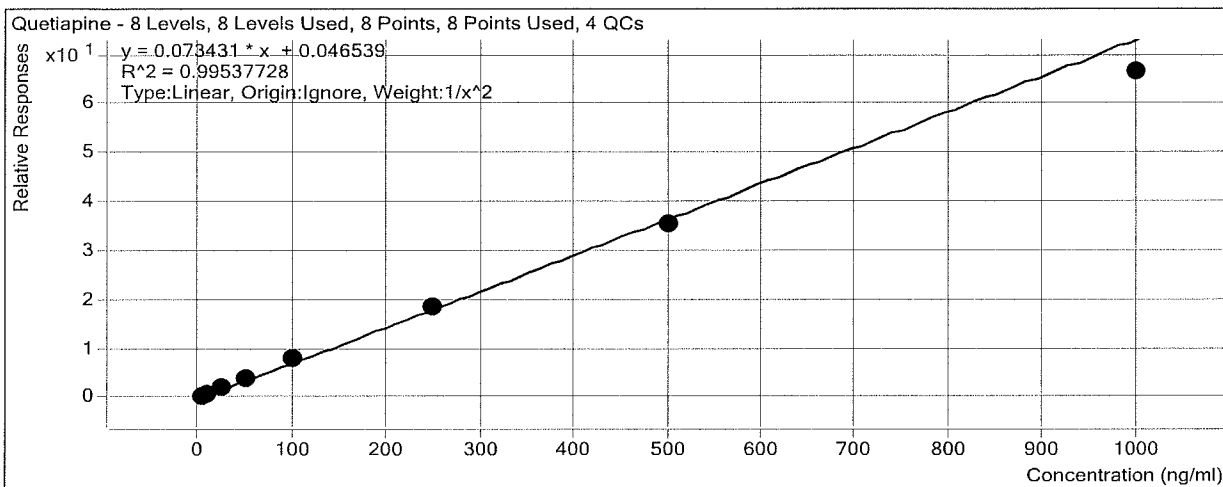
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.7	114.3
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.5	104.7
b QC 10	2	<input checked="" type="checkbox"/>	10	9.5	95.3
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.0	91.8
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	45.1	90.3
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	97.6	97.6
b qc 100	5	<input checked="" type="checkbox"/>	100	89.6	89.6
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	246.0	98.4
b QC 250	6	<input checked="" type="checkbox"/>	250	255.0	102.0
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	517.6	103.5
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	994.5	99.4
b qc 1000	8	<input checked="" type="checkbox"/>	1000	963.1	96.3

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1br.batch.bin

Last Calib Update 12/21/2017 10:25 AM **Analyst Name** ISP TOX

Target Compound *Quetiapine*
Internal Standard *Quetiapine-D8*



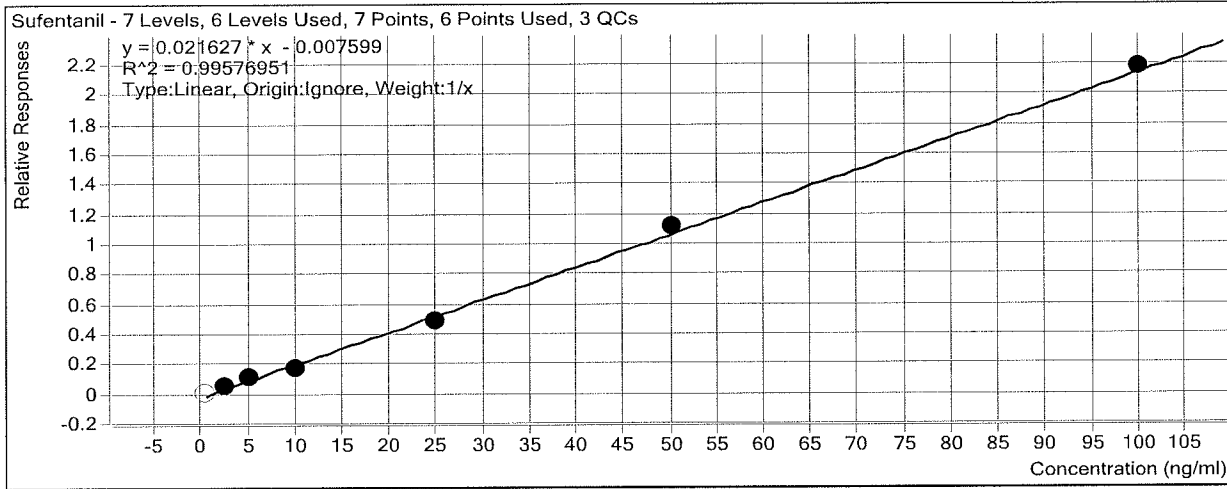
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.9	98.9
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	98.2
b QC 10	2	<input checked="" type="checkbox"/>	10	9.8	98.5
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	27.2	108.7
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.6	99.2
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	107.7	107.7
b qc 100	5	<input checked="" type="checkbox"/>	100	105.2	105.2
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	251.5	100.6
b QC 250	6	<input checked="" type="checkbox"/>	250	257.3	102.9
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	481.6	96.3
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	903.9	90.4
b qc 1000	8	<input checked="" type="checkbox"/>	1000	920.9	92.1

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1br.batch.bin

Last Calib Update 12/21/2017 10:25 AM **Analyst Name** ISP TOX

Target Compound *Sufentanil*
Internal Standard *Sufentanil-D5*



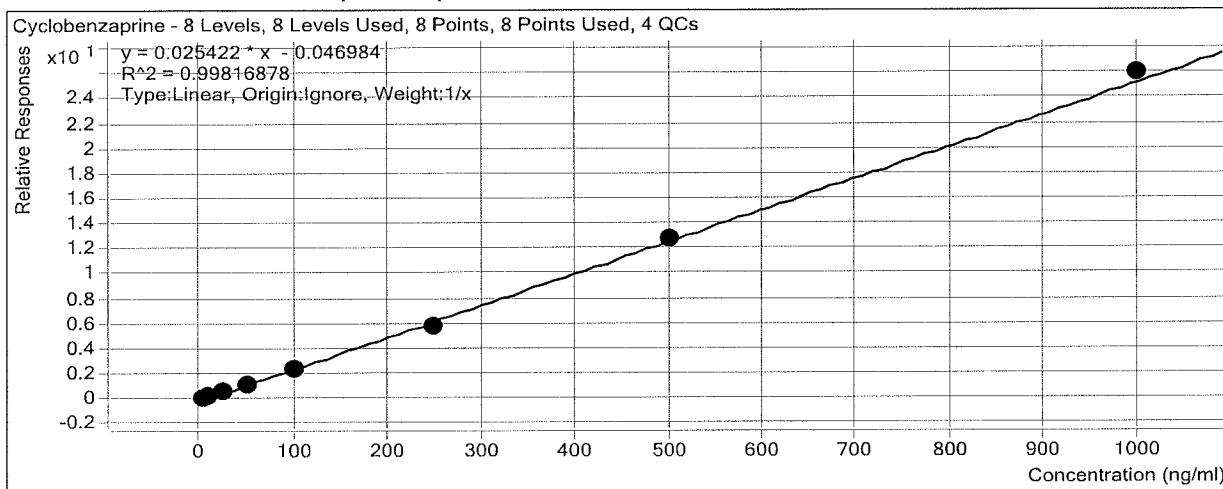
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input type="checkbox"/>	0.5	1.0	198.1
b cal 2-10ng	2	<input checked="" type="checkbox"/>	1	0.0	0.0
b cal 2-10ng	2	<input checked="" type="checkbox"/>	1	0.0	0.0
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.9	114.0
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	5.3	105.9
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	8.4	83.6
b qc 100	5	<input checked="" type="checkbox"/>	10	9.2	92.3
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	22.8	91.3
b QC 250	6	<input checked="" type="checkbox"/>	25	24.4	97.5
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	52.0	104.1
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	101.1	101.1
b qc 1000	8	<input checked="" type="checkbox"/>	100	93.6	93.6

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1br.batch.bin

Last Calib Update 12/21/2017 10:25 AM **Analyst Name** ISP TOX

Target Compound Cyclobenzaprine
Internal Standard Cyclobenzaprine-D3



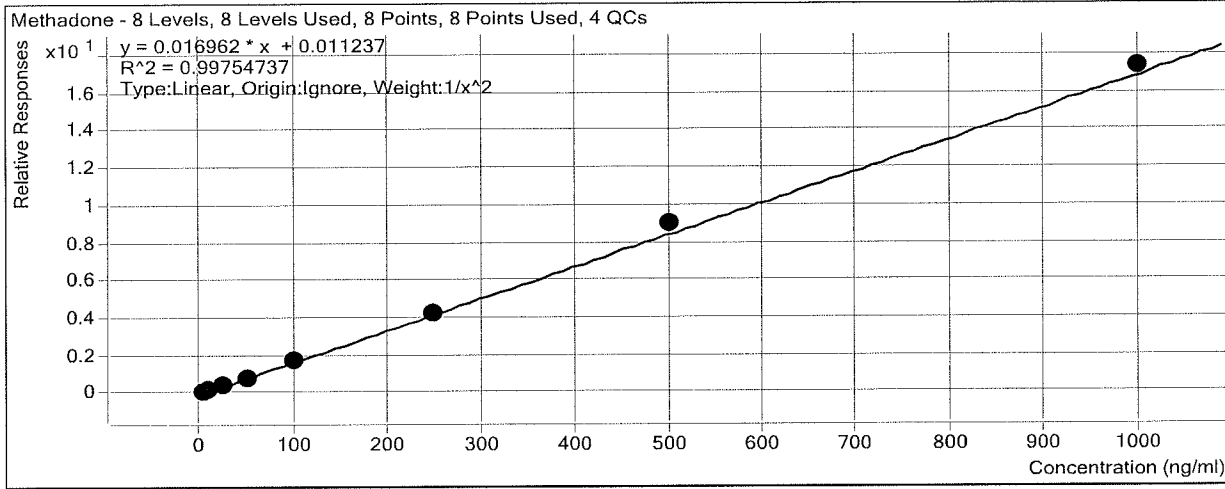
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	6.1	121.6
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.7	106.7
b QC 10	2	<input checked="" type="checkbox"/>	10	10.1	101.1
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	22.1	88.5
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	44.7	89.4
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.4	98.4
b qc 100	5	<input checked="" type="checkbox"/>	100	77.0	77.0
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	230.9	92.4
b QC 250	6	<input checked="" type="checkbox"/>	250	226.4	90.6
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	502.9	100.6
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1024.2	102.4
b qc 1000	8	<input checked="" type="checkbox"/>	1000	916.9	91.7

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1br.batch.bin

Last Calib Update 12/21/2017 10:25 AM **Analyst Name** ISP TOX

Target Compound *Methadone*
Internal Standard *Methadone-D9*



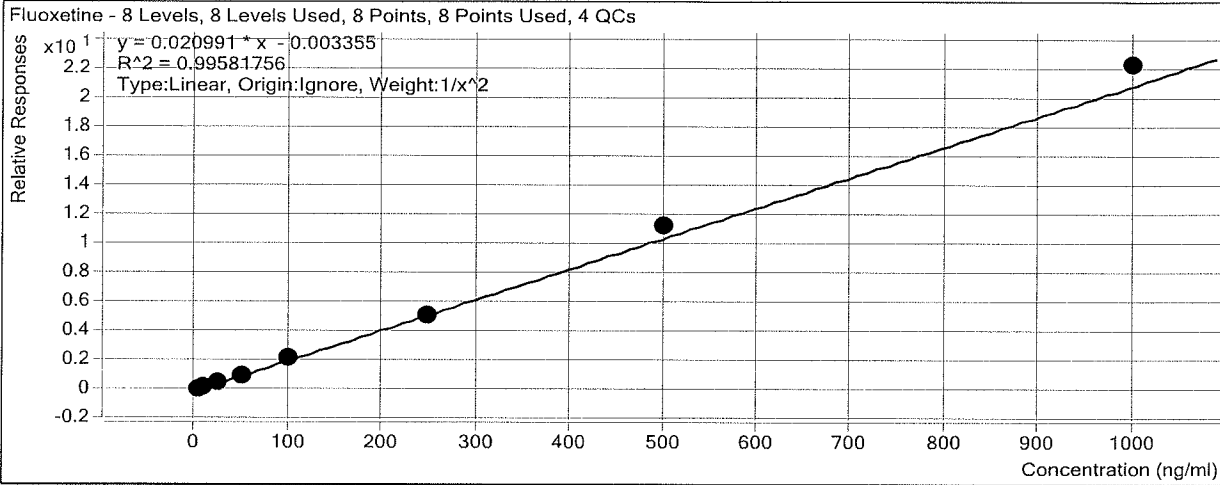
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	102.1
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.7	97.4
b QC 10	2	<input checked="" type="checkbox"/>	10	9.5	95.1
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.9	99.5
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	45.8	91.6
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	101.2	101.2
b qc 100	5	<input checked="" type="checkbox"/>	100	98.8	98.8
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	248.7	99.5
b QC 250	6	<input checked="" type="checkbox"/>	250	234.8	93.9
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	532.1	106.4
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1022.6	102.3
b qc 1000	8	<input checked="" type="checkbox"/>	1000	1037.3	103.7

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1br.batch.bin

Last Calib Update 12/21/2017 10:25 AM **Analyst Name** ISP TOX

Target Compound *Fluoxetine*
Internal Standard *Fluoxetine-D6*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	100.7
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.3	102.9
b QC 10	2	<input checked="" type="checkbox"/>	10	10.5	105.4
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.1	92.4
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	46.5	93.1
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	101.5	101.5
b qc 100	5	<input checked="" type="checkbox"/>	100	82.9	82.9
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	240.4	96.2
b QC 250	6	<input checked="" type="checkbox"/>	250	241.1	96.4
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	535.7	107.1
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1062.2	106.2
b qc 1000	8	<input checked="" type="checkbox"/>	1000	1026.1	102.6

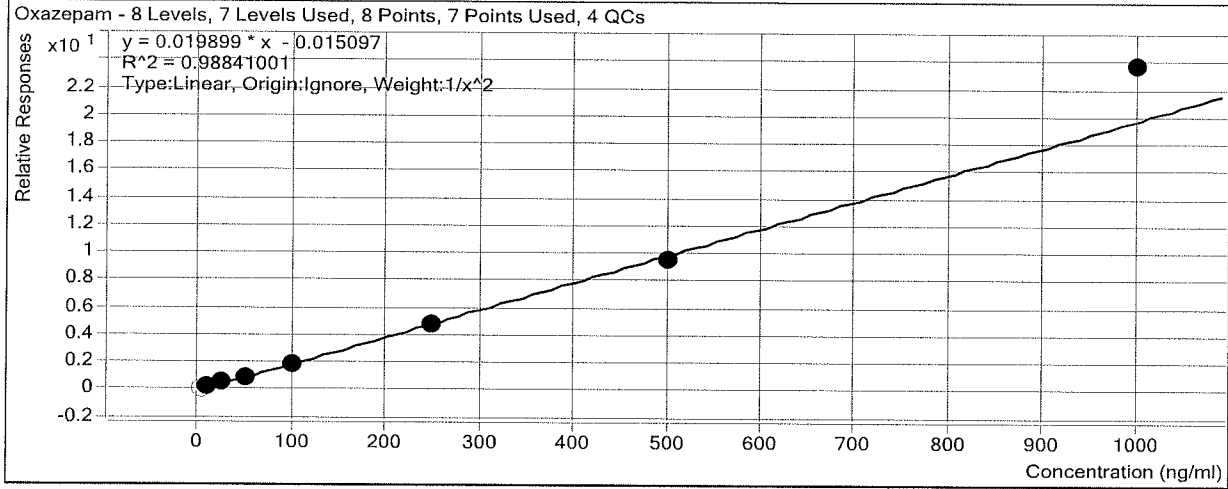
ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1br.batch.bin

Last Calib Update 12/21/2017 10:25 AM **Analyst Name** ISP TOX

Target Compound Oxazepam

Internal Standard Oxazepam-D5



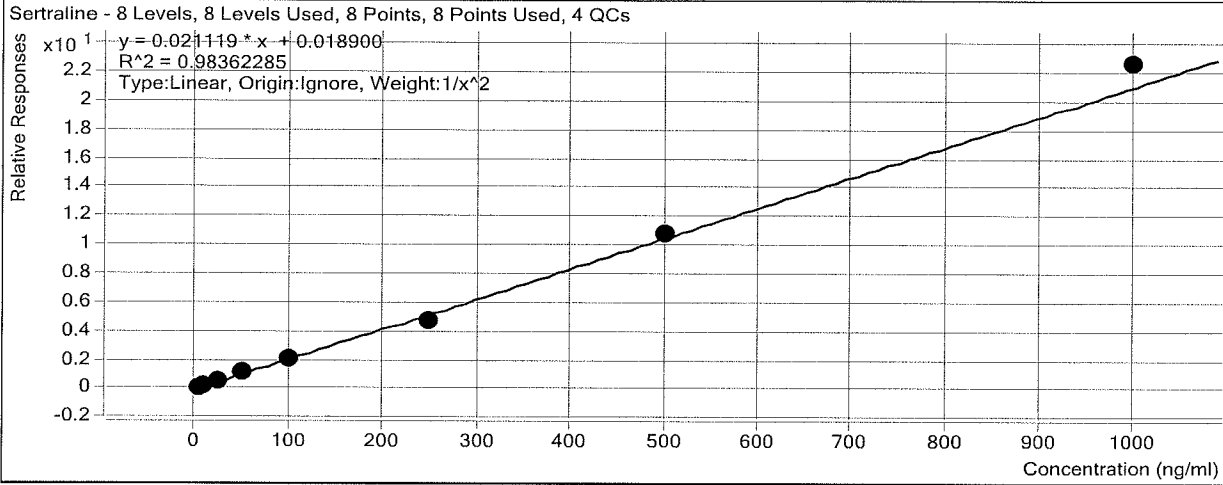
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input type="checkbox"/>	5	6.4	128.8
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.1	101.3
b QC 10	2	<input checked="" type="checkbox"/>	10	10.3	102.7
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.6	102.3
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	46.8	93.6
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	91.1	91.1
b qc 100	5	<input checked="" type="checkbox"/>	100	102.4	102.4
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	241.1	96.4
b QC 250	6	<input checked="" type="checkbox"/>	250	290.3	116.1
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	481.0	96.2
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1190.7	119.1
b qc 1000	8	<input checked="" type="checkbox"/>	1000	1070.3	107.0

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1br.batch.bin

Last Calib Update 12/21/2017 10:25 AM **Analyst Name** ISP TOX

Target Compound Sertraline
Internal Standard Sertraline-D3



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.7	94.3
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	11.7	116.7
b QC 10	2	<input checked="" type="checkbox"/>	10	6.7	67.4
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	20.8	83.0
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	54.7	109.4
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.1	100.1
b qc 100	5	<input checked="" type="checkbox"/>	100	80.8	80.8
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	220.3	88.1
b QC 250	6	<input checked="" type="checkbox"/>	250	237.6	95.1
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	507.7	101.5
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1067.9	106.8
b qc 1000	8	<input checked="" type="checkbox"/>	1000	1108.4	110.8

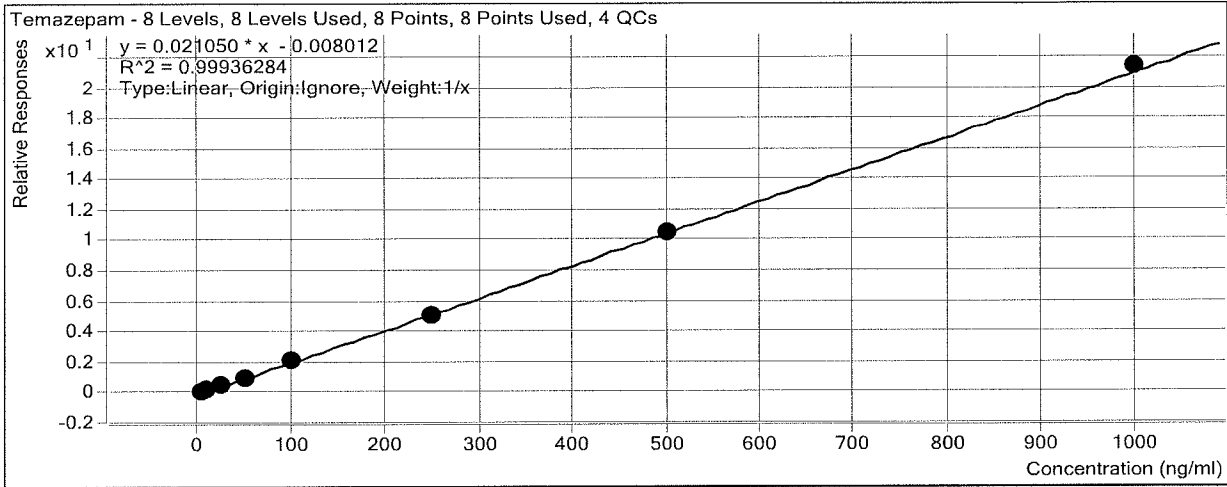
ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1br.batch.bin

Last Calib Update 12/21/2017 10:25 AM **Analyst Name** ISP TOX

Target Compound *Temazepam*

Internal Standard *Temazepam-D5*



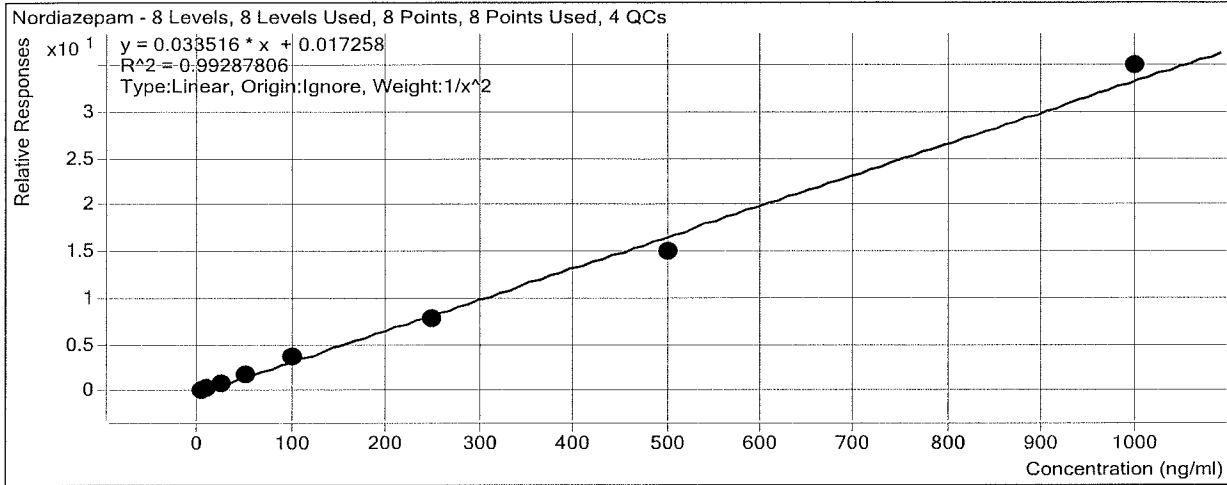
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.8	116.8
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.9	99.1
b QC 10	2	<input checked="" type="checkbox"/>	10	9.2	92.2
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.8	95.4
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	46.8	93.6
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	97.5	97.5
b qc 100	5	<input checked="" type="checkbox"/>	100	96.7	96.7
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	239.4	95.7
b QC 250	6	<input checked="" type="checkbox"/>	250	244.6	97.8
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	502.7	100.5
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1014.1	101.4
b qc 1000	8	<input checked="" type="checkbox"/>	1000	1015.9	101.6

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1br.batch.bin

Last Calib Update 12/21/2017 10:25 AM **Analyst Name** ISP TOX

Target Compound Nordiazepam
Internal Standard Nordiazepam-D5



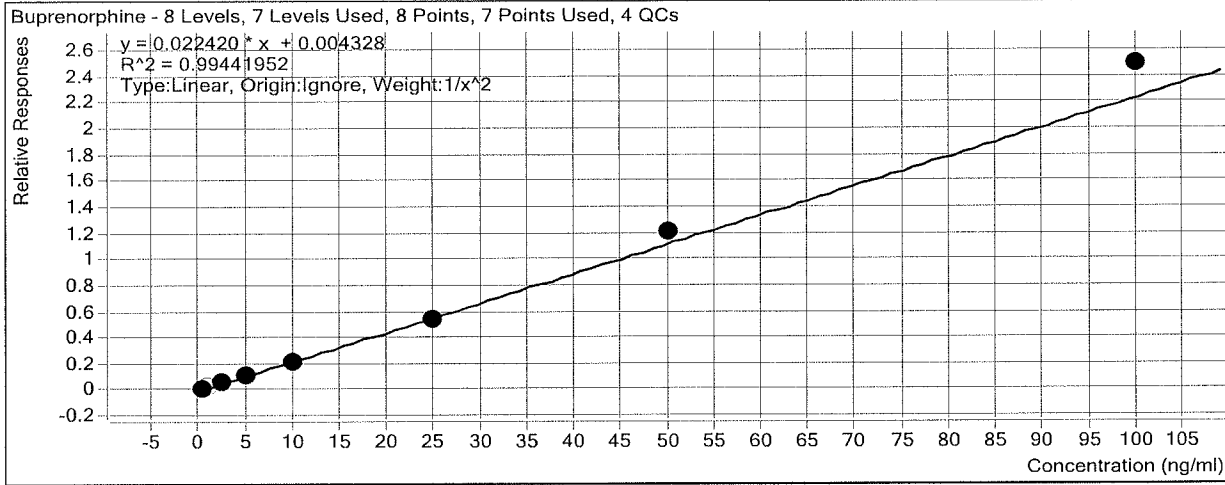
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	99.7
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.7	97.2
b QC 10	2	<input checked="" type="checkbox"/>	10	9.2	92.5
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.9	107.5
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.3	98.7
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	111.0	111.0
b qc 100	5	<input checked="" type="checkbox"/>	100	91.7	91.7
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	229.8	91.9
b QC 250	6	<input checked="" type="checkbox"/>	250	226.7	90.7
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	448.1	89.6
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1042.9	104.3
b qc 1000	8	<input checked="" type="checkbox"/>	1000	823.8	82.4

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1br.batch.bin

Last Calib Update 12/21/2017 10:25 AM **Analyst Name** ISP TOX

Target Compound Buprenorphine
Internal Standard Buprenorphine-D4



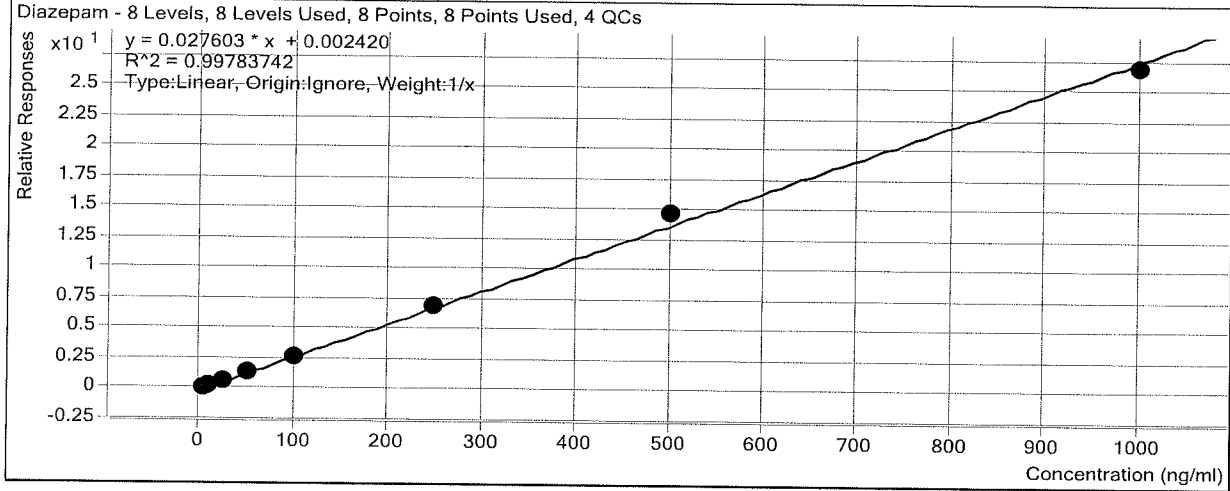
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	0.5	0.5	101.7
b cal 2-10ng	2	<input type="checkbox"/>	1	1.2	121.5
b QC 10	2	<input checked="" type="checkbox"/>	1	0.8	84.8
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.4	94.2
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	4.9	98.4
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	9.2	91.9
b qc 100	5	<input checked="" type="checkbox"/>	10	10.7	107.3
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	24.0	95.9
b QC 250	6	<input checked="" type="checkbox"/>	25	27.7	110.9
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	53.5	107.0
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	110.9	110.9
b qc 1000	8	<input checked="" type="checkbox"/>	100	117.0	117.0

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1br.batch.bin

Last Calib Update 12/21/2017 10:25 AM **Analyst Name** ISP TOX

Target Compound *Diazepam*
Internal Standard *Diazepam-D5*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.7	113.3
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	97.8
b QC 10	2	<input checked="" type="checkbox"/>	10	10.3	102.7
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.6	94.5
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.3	94.6
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	95.8	95.8
b qc 100	5	<input checked="" type="checkbox"/>	100	96.3	96.3
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	248.6	99.4
b QC 250	6	<input checked="" type="checkbox"/>	250	233.5	93.4
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	536.1	107.2
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	973.1	97.3
b qc 1000	8	<input checked="" type="checkbox"/>	1000	982.5	98.2

ISP FORENSICS - Cd'A Instrument # 62340

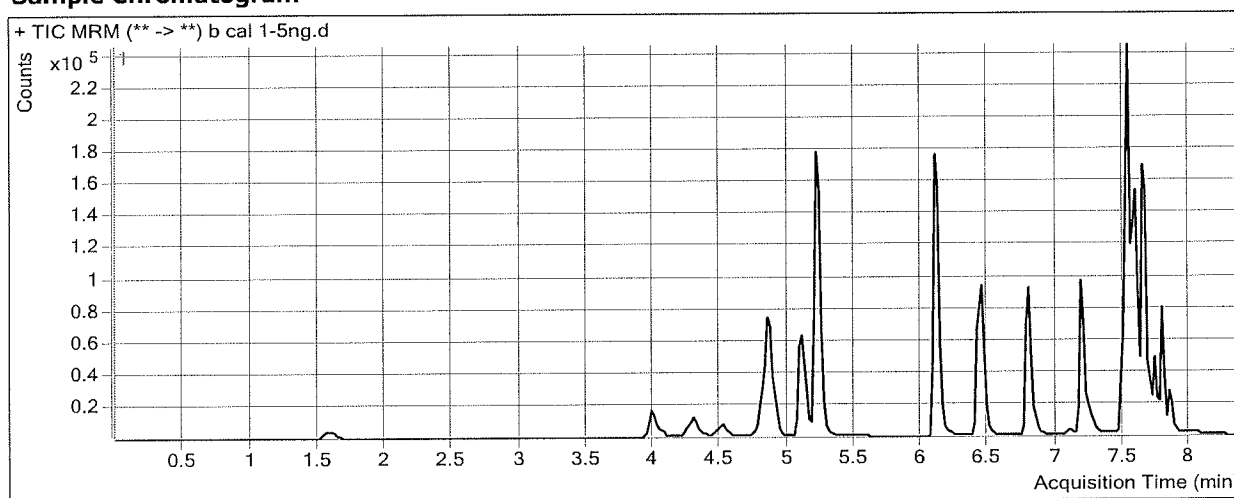
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1br.batch.bin
Analysis Time 12/21/2017 10:25 AM **Analyst Name** ISP Tox
Report Time 12/21/2017 10:27 AM **Reporter Name** ISP Tox
Last Calib Update 12/21/2017 10:25 AM **Batch State** Processed

Analysis Info

Acq Time	2017-12-19 16:48	Data File	b cal 1-5ng.d
Sample Type	Calibration	Sample Name	b cal 1-5ng
Dilution	1	Acq Method	Quant Panel 1b 10-2017.m
Position	P1-A1	Sample Info	
Inj Vol	-1	Comment	AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.588	3526	26620	0.1324	5.3241
Dihydrocodeine	Dihydrocodeine-D6	4.055	7141	66524	0.1073	4.4819
Naloxone	Naloxone-D5	4.370	4668	61785	0.0755	4.9243
Noroxycodone	Noroxycodone-D3	4.537	3986	32032	0.1244	5.6472
Naltrexone	Naltrexone-D3	4.830	10742	90412	0.1188	5.1202
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.924	3229	257120	0.0126	0.5309
Naltrexol	Naltrexol-D3	5.110	25439	177286	0.1435	4.5698
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.239	63716	544364	0.1170	5.0570
Ketamine	Ketamine-D4	6.116	24172	169448	0.1427	5.0336
Norfentanyl	Norfentanyl-D5	6.120	3780	363703	0.0104	0.4642
alpha-PVP	alpha-PVP-d8	6.447	33461	265530	0.1260	4.9974
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.800	3189	290797	0.0110	0.5911
Norbuprenorphine	Norbuprenorphine-D3	7.093	204	8794	0.0232	0.5771
Fentanyl	Fentanyl-D5	7.199	2879	245399	0.0117	0.6087
EDDP	EDDP-D3	7.249	3141	26129	0.1202	5.7126
Quetiapine	Quetiapine-D8	7.519	41602	101532	0.4097	4.9462
Sufentanil	Sufentanil-D5	7.518	2141	154886	0.0138	0.9906
Cyclobenzaprine	Cyclobenzaprine-D3	7.512	11455	106470	0.1076	6.0802
Methadone	Methadone-D9	7.522	23559	240789	0.0978	5.1057
Fluoxetine	Fluoxetine-D6	7.584	28552	279084	0.1023	5.0337
Oxazepam	Oxazepam-D5	7.609	12972	114751	0.1130	6.4394
Sertraline	Sertraline-D3	7.645	7776	65650	0.1184	4.7138
Temazepam	Temazepam-D5	7.667	38100	331588	0.1149	5.8390

ISP FORENSICS - Cd'A Instrument # 62340
Multi-Drug Confirmatory Analysis Report

plb cal 1

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Nordiazepam	Nordiazepam-D5	7.735	14308	77615	0.1843	4.9853
Buprenorphine	Buprenorphine-D4	7.917	976	62077	0.0157	0.5084
Diazepam	Diazepam-D5	7.790	19475	122595	0.1589	5.6674



ISP FORENSICS - Cd'A Instrument # 62340

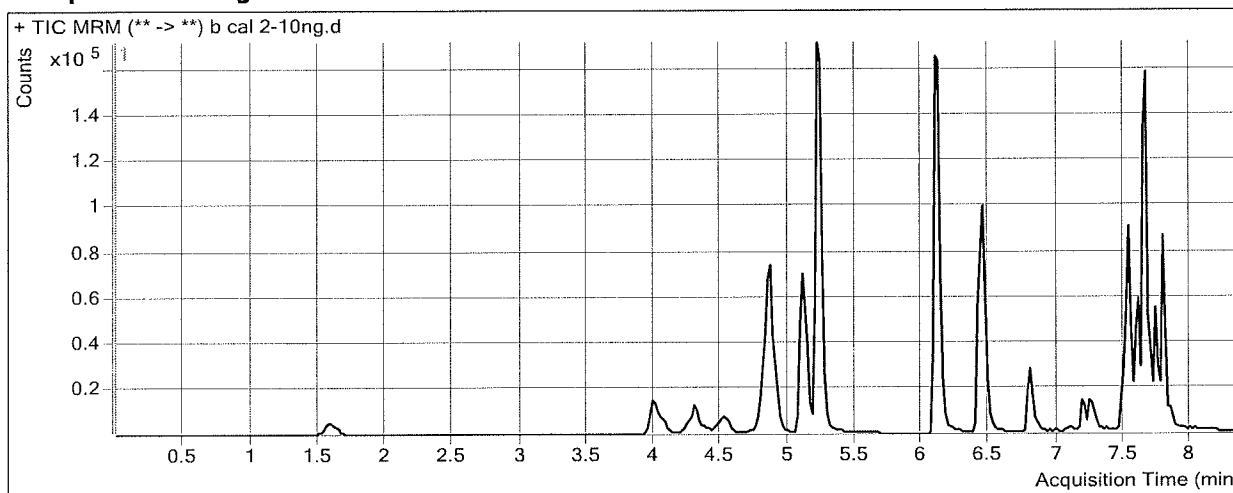
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1br.batch.bin
Analysis Time 12/21/2017 10:25 AM **Analyst Name** ISP Tox
Report Time 12/21/2017 10:27 AM **Reporter Name** ISP Tox
Last Calib Update 12/21/2017 10:25 AM **Batch State** Processed

Analysis Info

Acq Time 2017-12-19 17:13 **Data File** b cal 2-10ng.d
Sample Type Calibration **Sample Name** b cal 2-10ng
Dilution 1 **Acq Method** Quant Panel 1b 10-2017.m
Position P1-B1 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.608	6166	24682	0.2498	10.2729
Dihydrocodeine	Dihydrocodeine-D6	4.055	11769	59753	0.1970	9.4505
Naloxone	Naloxone-D5	4.370	8174	57281	0.1427	10.3480
Noroxycodone	Noroxycodone-D3	4.558	7188	29536	0.2434	10.4381
Naltrexone	Naltrexone-D3	4.830	18050	81680	0.2210	9.6276
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.924	5515	250682	0.0220	0.9367
Naltrexol	Naltrexol-D3	5.110	43773	160600	0.2726	9.8406
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.239	108850	495696	0.2196	10.0161
Ketamine	Ketamine-D4	6.116	41271	158628	0.2602	9.9042
Norfentanyl	Norfentanyl-D5	6.120	6792	349704	0.0194	0.9366
alpha-PVP	alpha-PVP-d8	6.447	58359	234068	0.2493	10.1616
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.820	1534	85064	0.0180	0.9462
Norbuprenorphine	Norbuprenorphine-D3	7.073	101	3654	0.0275	0.7791
Fentanyl	Fentanyl-D5	7.199	877	37870	0.0232	1.0854
EDDP	EDDP-D3	7.249	5947	25821	0.2303	10.4652
Quetiapine	Quetiapine-D8	7.519	49292	64203	0.7678	9.8218
Cyclobenzaprine	Cyclobenzaprine-D3	7.512	2475	11038	0.2242	10.6678
Methadone	Methadone-D9	7.522	12935	73303	0.1765	9.7405
Fluoxetine	Fluoxetine-D6	7.584	4689	22053	0.2126	10.2894
Oxazepam	Oxazepam-D5	7.609	20142	108045	0.1864	10.1272
Sertraline	Sertraline-D3	7.645	1029	3879	0.2654	11.6728
Temazepam	Temazepam-D5	7.667	65843	328316	0.2005	9.9077
Nordiazepam	Nordiazepam-D5	7.735	25046	72983	0.3432	9.7241

ISP FORENSICS - Cd'A Instrument # 62340
Multi-Drug Confirmatory Analysis Report

plb cal 2

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Buprenorphine	Buprenorphine-D4	7.917	585	18534	0.0316	1.2145
Diazepam	Diazepam-D5	7.790	33646	123501	0.2724	9.7820



ISP FORENSICS - Cd'A Instrument # 62340

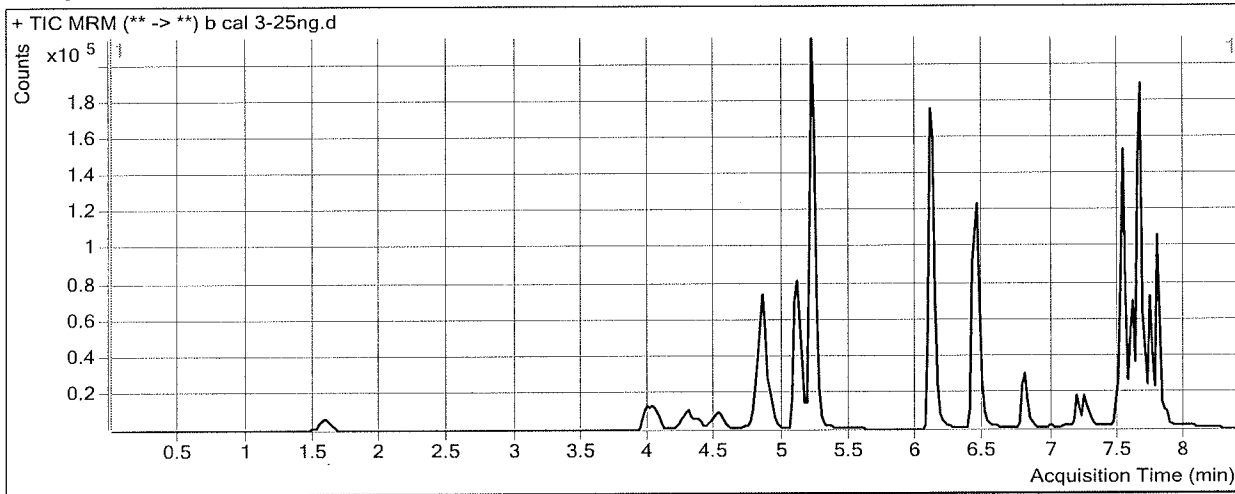
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1br.batch.bin
Analysis Time 12/21/2017 10:25 AM **Analyst Name** ISP Tox
Report Time 12/21/2017 10:27 AM **Reporter Name** ISP Tox
Last Calib Update 12/21/2017 10:25 AM **Batch State** Processed

Analysis Info

Acq Time 2017-12-19 17:38 **Data File** b cal 3-25ng.d
Sample Type Calibration **Sample Name** b cal 3-25ng
Dilution 1 **Acq Method** Quant Panel 1b 10-2017.m
Position P1-C1 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.608	13201	22398	0.5894	24.5903
Dihydrocodeine	Dihydrocodeine-D6	4.055	25703	53406	0.4813	25.2135
Naloxone	Naloxone-D5	4.370	16030	51002	0.3143	24.2065
Noroxycodone	Noroxycodone-D3	4.537	15389	25541	0.6025	24.9029
Naltrexone	Naltrexone-D3	4.830	39228	68941	0.5690	24.9798
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.924	12157	217169	0.0560	2.3974
Naltrexol	Naltrexol-D3	5.110	94500	147277	0.6417	24.9140
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.219	240475	454004	0.5297	25.0121
Ketamine	Ketamine-D4	6.116	88707	144013	0.6160	24.6498
Norfentanyl	Norfentanyl-D5	6.120	15085	317972	0.0474	2.4021
alpha-PVP	alpha-PVP-d8	6.447	130108	224663	0.5791	23.9737
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.800	4335	89483	0.0484	2.4739
Norbuprenorphine	Norbuprenorphine-D3	7.093	251	3509	0.0716	2.8320
Fentanyl	Fentanyl-D5	7.178	1791	39385	0.0455	2.0170
EDDP	EDDP-D3	7.249	12393	23844	0.5198	22.9589
Quetiapine	Quetiapine-D8	7.519	124715	61091	2.0415	27.1677
Sufentanil	Sufentanil-D5	7.518	1001	18517	0.0540	2.8500
Cyclobenzaprine	Cyclobenzaprine-D3	7.512	5870	11383	0.5157	22.1322
Methadone	Methadone-D9	7.522	31117	71856	0.4330	24.8680
Fluoxetine	Fluoxetine-D6	7.584	8679	18033	0.4813	23.0886
Oxazepam	Oxazepam-D5	7.609	47180	95514	0.4940	25.5820
Sertraline	Sertraline-D3	7.645	1699	3716	0.4572	20.7548
Temazepam	Temazepam-D5	7.667	143864	291288	0.4939	23.8431

ISP FORENSICS - Cd'A Instrument # 62340
Multi-Drug Confirmatory Analysis Report

P1 b cal 3

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Nordiazepam	Nordiazepam-D5	7.735	54793	59701	0.9178	26.8688
Buprenorphine	Buprenorphine-D4	7.937	1057	18500	0.0571	2.3547
Diazepam	Diazepam-D5	7.790	70428	107641	0.6543	23.6156



ISP FORENSICS - Cd'A Instrument # 62340

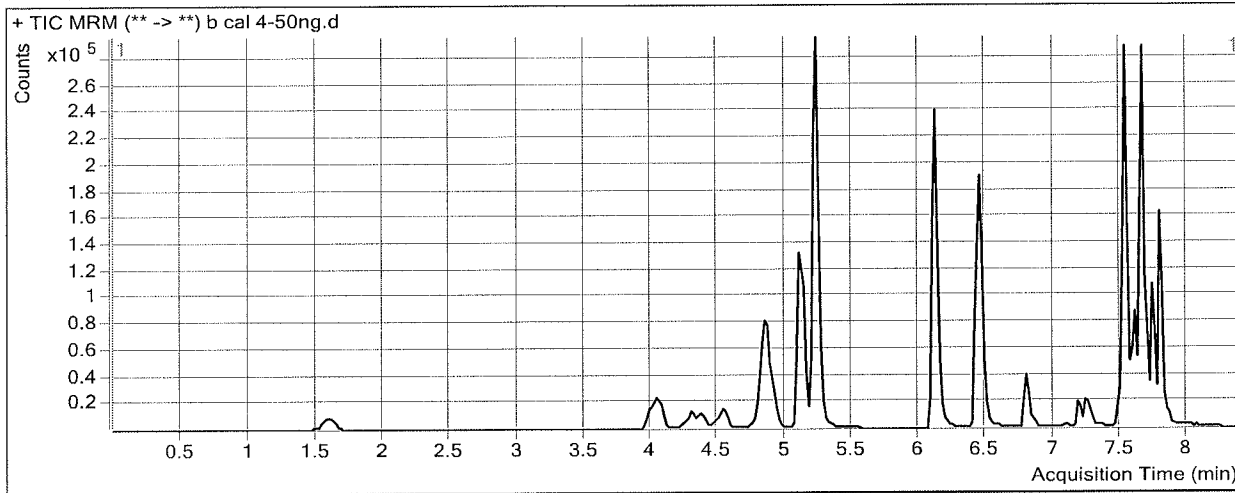
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1br.batch.bin
Analysis Time 12/21/2017 10:25 AM **Analyst Name** ISP Tox
Report Time 12/21/2017 10:27 AM **Reporter Name** ISP Tox
Last Calib Update 12/21/2017 10:25 AM **Batch State** Processed

Analysis Info

Acq Time 2017-12-19 18:04 **Data File** b cal 4-50ng.d
Sample Type Calibration **Sample Name** b cal 4-50ng
Dilution 1 **Acq Method** Quant Panel 1b 10-2017.m
Position P1-D1 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.608	26775	24323	1.1008	46.1532
Dihydrocodeine	Dihydrocodeine-D6	4.055	53335	56562	0.9429	50.8101
Naloxone	Naloxone-D5	4.370	35173	53200	0.6611	52.2167
Noroxycodone	Noroxycodone-D3	4.537	31364	28518	1.0998	44.9334
Naltrexone	Naltrexone-D3	4.830	74595	69510	1.0732	47.2195
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.924	24301	223701	0.1086	4.6606
Naltrexol	Naltrexol-D3	5.110	201296	157167	1.2808	51.0152
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.239	492687	479623	1.0272	49.0746
Ketamine	Ketamine-D4	6.116	186172	154303	1.2065	49.1257
Norfentanyl	Norfentanyl-D5	6.120	32846	336613	0.0976	5.0249
alpha-PVP	alpha-PVP-d8	6.447	269701	225447	1.1963	49.8212
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.820	9429	107244	0.0879	4.4569
Norbuprenorphine	Norbuprenorphine-D3	7.093	443	4449	0.0995	4.1311
Fentanyl	Fentanyl-D5	7.199	5501	46056	0.1194	5.1035
EDDP	EDDP-D3	7.269	24945	24135	1.0336	45.1369
Quetiapine	Quetiapine-D8	7.519	277272	75142	3.6900	49.6173
Sufentanil	Sufentanil-D5	7.518	2117	19802	0.1069	5.2942
Cyclobenzaprine	Cyclobenzaprine-D3	7.512	11885	10906	1.0897	44.7135
Methadone	Methadone-D9	7.522	67178	85215	0.7883	45.8142
Fluoxetine	Fluoxetine-D6	7.584	19100	19615	0.9737	46.5474
Oxazepam	Oxazepam-D5	7.609	75893	82880	0.9157	46.7762
Sertraline	Sertraline-D3	7.645	4315	3677	1.1737	54.6808
Temazepam	Temazepam-D5	7.667	296792	303666	0.9774	46.8107

ISP FORENSICS - Cd'A Instrument # 62340
Multi-Drug Confirmatory Analysis Report

Pl b cal y

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Nordiazepam	Nordiazepam-D5	7.735	105877	63357	1.6711	49.3453
Buprenorphine	Buprenorphine-D4	7.937	2445	21322	0.1147	4.9215
Diazepam	Diazepam-D5	7.790	150875	115352	1.3079	47.2962



ISP FORENSICS - Cd'A Instrument # 62340

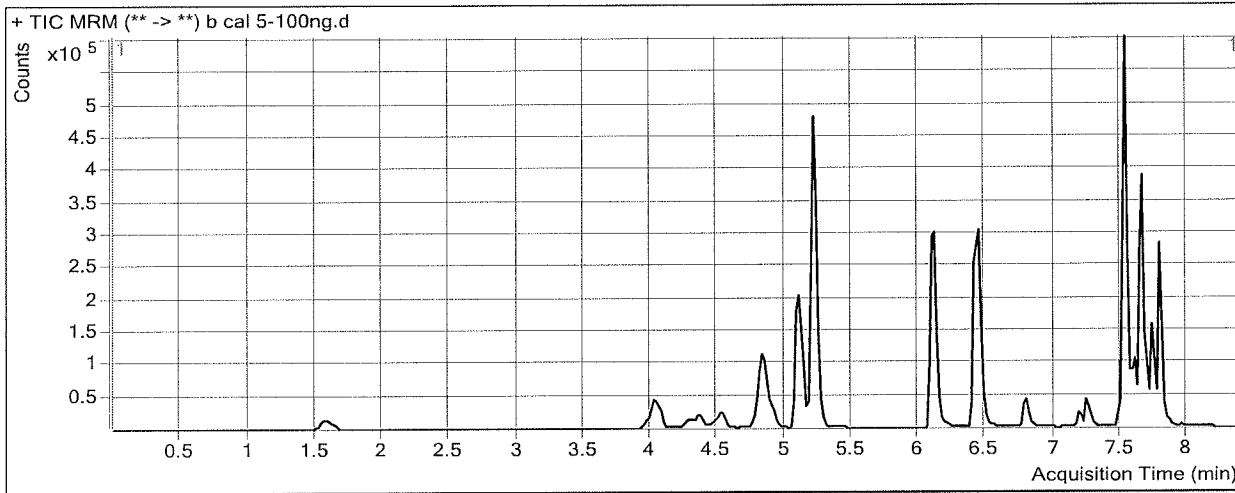
Multi-Drug Confirmatory Analysis Report

Batch Data Path	D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1br.batch.bin		
Analysis Time	12/21/2017 10:25 AM	Analyst Name	ISP Tox
Report Time	12/21/2017 10:27 AM	Reporter Name	ISP Tox
Last Calib Update	12/21/2017 10:25 AM	Batch State	Processed

Analysis Info

Acq Time	2017-12-19 18:29	Data File	b cal 5-100ng.d
Sample Type	Calibration	Sample Name	b cal 5-100ng
Dilution	1	Acq Method	Quant Panel 1b 10-2017.m
Position	P1-E1	Sample Info	
Inj Vol	-1	Comment	AM 28 Panel 1

Sample Chromatogram




Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.608	55795	23827	2.3416	98.4707
Dihydrocodeine	Dihydrocodeine-D6	4.055	109849	55316	1.9858	108.6323
Naloxone	Naloxone-D5	4.370	67054	53931	1.2433	99.2329
Noroxycodone	Noroxycodone-D3	4.538	63409	26921	2.3554	95.5043
Naltrexone	Naltrexone-D3	4.830	146932	65885	2.2301	98.2568
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.924	52990	239512	0.2212	9.5012
Naltrexol	Naltrexol-D3	5.110	398990	155896	2.5593	103.2304
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.219	1034692	488694	2.1173	101.7889
Ketamine	Ketamine-D4	6.116	386758	152739	2.5322	104.0650
Norfentanyl	Norfentanyl-D5	6.120	67022	341389	0.1963	10.1901
alpha-PVP	alpha-PVP-d8	6.447	577303	237883	2.4268	101.3568
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.800	22394	114045	0.1964	9.9042
Norbuprenorphine	Norbuprenorphine-D3	7.073	1075	4386	0.2452	10.9102
Fentanyl	Fentanyl-D5	7.199	10678	48530	0.2200	9.3018
EDDP	EDDP-D3	7.249	60189	26762	2.2491	97.6029
Quetiapine	Quetiapine-D8	7.519	643731	80954	7.9518	107.6559
Sufentanil	Sufentanil-D5	7.518	3737	21579	0.1732	8.3583
Cyclobenzaprine	Cyclobenzaprine-D3	7.512	24359	9925	2.4543	98.3901
Methadone	Methadone-D9	7.522	161942	93686	1.7286	101.2447
Fluoxetine	Fluoxetine-D6	7.584	36926	17364	2.1266	101.4686
Oxazepam	Oxazepam-D5	7.609	116328	64684	1.7984	91.1356
Sertraline	Sertraline-D3	7.645	6784	3179	2.1338	100.1428
Temazepam	Temazepam-D5	7.667	542584	265528	2.0434	97.4539

ISP FORENSICS - Cd'A Instrument # 62340
Multi-Drug Confirmatory Analysis Report

Pl b cal 5

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Nordiazepam	Nordiazepam-D5	7.735	198385	53062	3.7388	111.0371
Buprenorphine	Buprenorphine-D4	7.937	5074	24130	0.2103	9.1856
Diazepam	Diazepam-D5	7.790	297526	112397	2.6471	95.8108



ISP FORENSICS - Cd'A Instrument # 62340

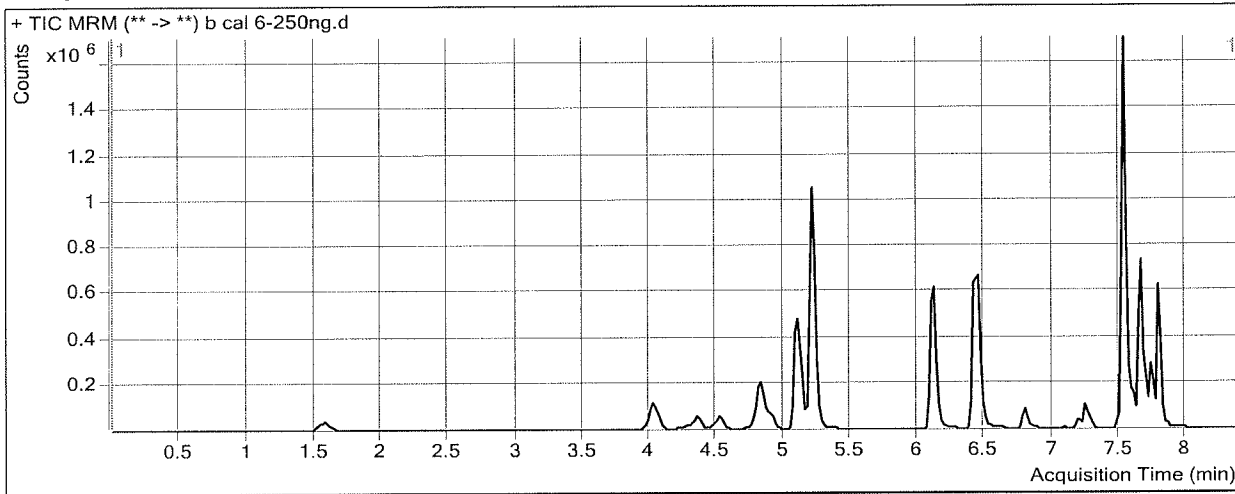
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1br.batch.bin
Analysis Time 12/21/2017 10:25 AM **Analyst Name** ISP Tox
Report Time 12/21/2017 10:27 AM **Reporter Name** ISP Tox
Last Calib Update 12/21/2017 10:25 AM **Batch State** Processed

Analysis Info

Acq Time 2017-12-19 18:55 **Data File** b cal 6-250ng.d
Sample Type Calibration **Sample Name** b cal 6-250ng
Dilution 1 **Acq Method** Quant Panel 1b 10-2017.m
Position P1-F1 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.588	153580	25428	6.0399	254.3995
Dihydrocodeine	Dihydrocodeine-D6	4.035	295048	61720	4.7804	263.5744
Naloxone	Naloxone-D5	4.350	183536	58257	3.1504	253.2504
Noroxycodone	Noroxycodone-D3	4.517	169471	28902	5.8637	236.8079
Naltrexone	Naltrexone-D3	4.810	368051	62550	5.8841	259.4447
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.904	145927	244729	0.5963	25.6222
Naltrexol	Naltrexol-D3	5.110	1092685	168171	6.4975	264.0589
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.219	2782667	548754	5.0709	244.6287
Ketamine	Ketamine-D4	6.116	1049117	168123	6.2402	257.7416
Norfentanyl	Norfentanyl-D5	6.120	179117	371036	0.4827	25.1730
alpha-PVP	alpha-PVP-d8	6.447	1546233	255078	6.0618	253.5914
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.800	74439	151772	0.4905	24.6779
Norbuprenorphine	Norbuprenorphine-D3	7.093	3039	5245	0.5794	26.4700
Fentanyl	Fentanyl-D5	7.199	34637	64914	0.5336	22.3876
EDDP	EDDP-D3	7.249	173242	30459	5.6878	246.0342
Quetiapine	Quetiapine-D8	7.519	1935615	104565	18.5111	251.4564
Sufentanil	Sufentanil-D5	7.518	14553	29930	0.4862	22.8330
Cyclobenzaprine	Cyclobenzaprine-D3	7.512	100271	17218	5.8237	230.9312
Methadone	Methadone-D9	7.522	503989	119175	4.2290	248.6573
Fluoxetine	Fluoxetine-D6	7.584	136154	26999	5.0429	240.4006
Oxazepam	Oxazepam-D5	7.609	176910	36989	4.7828	241.1112
Sertraline	Sertraline-D3	7.645	23784	5091	4.6720	220.3312
Temazepam	Temazepam-D5	7.667	1247641	248009	5.0306	239.3629

ISP FORENSICS - Cd'A Instrument # 62340
Multi-Drug Confirmatory Analysis Report

P1b cal 6

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Nordiazepam	Nordiazepam-D5	7.735	407675	52806	7.7203	229.8330
Buprenorphine	Buprenorphine-D4	7.937	16122	29752	0.5419	23.9771
Diazepam	Diazepam-D5	7.790	793811	115658	6.8635	248.5592



ISP FORENSICS - Cd'A Instrument # 62340

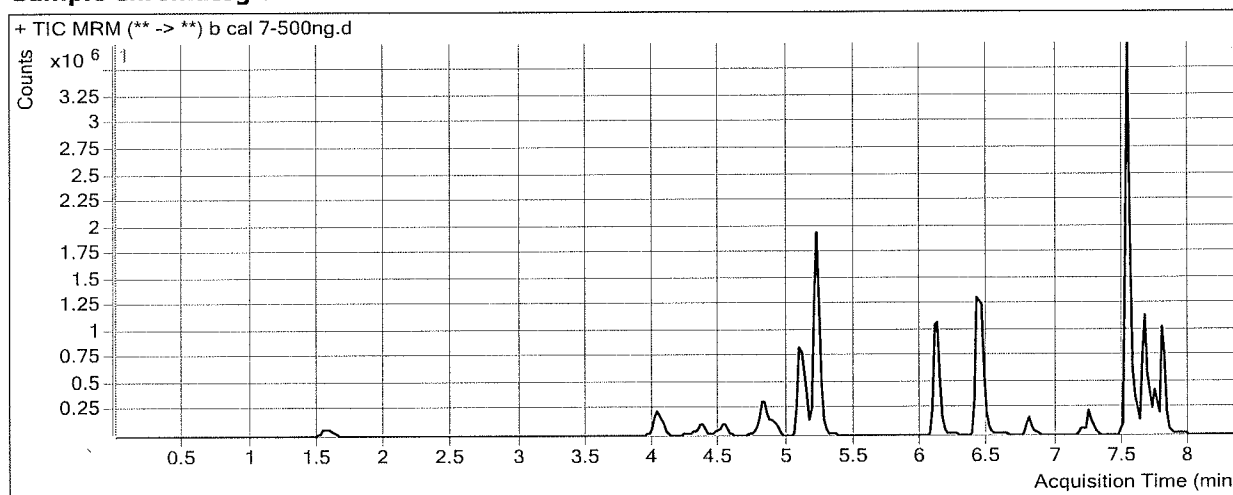
Multi-Drug Confirmatory Analysis Report

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Analysis Time 12/21/2017 10:25 AM **Analyst Name** ISP Tox
Report Time 12/21/2017 10:27 AM **Reporter Name** ISP Tox
Last Calib Update 12/21/2017 10:25 AM **Batch State** Processed

Analysis Info

Acq Time 2017-12-19 19:20 **Data File** b cal 7-500ng.d
Sample Type Calibration **Sample Name** b cal 7-500ng
Dilution 1 **Acq Method** Quant Panel 1b 10-2017.m
Position P1-G1 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.588	325144	27507	11.8205	498.1292
Dihydrocodeine	Dihydrocodeine-D6	4.035	604411	64839	9.3218	515.3652
Naloxone	Naloxone-D5	4.350	379994	61605	6.1682	496.9614
Noroxycodone	Noroxycodone-D3	4.517	346488	27510	12.5951	507.9298
Naltrexone	Naltrexone-D3	4.810	682014	58217	11.7150	516.6649
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.904	320809	250129	1.2826	55.1228
Naltrexol	Naltrexol-D3	5.089	2127331	168531	12.6228	514.2116
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.219	5672568	543439	10.4383	504.2005
Ketamine	Ketamine-D4	6.116	2144658	172262	12.4500	515.1039
Norfentanyl	Norfentanyl-D5	6.120	362280	370185	0.9786	51.1135
alpha-PVP	alpha-PVP-d8	6.427	3182829	264517	12.0326	503.6508
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.800	189944	189568	1.0020	50.3732
Norbuprenorphine	Norbuprenorphine-D3	7.073	5872	5696	1.0309	47.4830
Fentanyl	Fentanyl-D5	7.199	84675	69584	1.2169	50.9045
EDDP	EDDP-D3	7.249	399563	33355	11.9791	517.5984
Quetiapine	Quetiapine-D8	7.519	4427222	125022	35.4117	481.6131
Sufentanil	Sufentanil-D5	7.518	40448	36187	1.1178	52.0343
Cyclobenzaprine	Cyclobenzaprine-D3	7.512	237700	18661	12.7379	502.9097
Methadone	Methadone-D9	7.522	1207175	133593	9.0362	532.0677
Fluoxetine	Fluoxetine-D6	7.584	346497	30823	11.2414	535.6981
Oxazepam	Oxazepam-D5	7.609	243446	25474	9.5565	481.0096
Sertraline	Sertraline-D3	7.645	67585	6292	10.7416	507.7383
Temazepam	Temazepam-D5	7.667	2142019	202569	10.5743	502.7160

ISP FORENSICS - Cd'A Instrument # 62340
Multi-Drug Confirmatory Analysis Report

Pl b cal 7

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Nordiazepam	Nordiazepam-D5	7.735	636581	42336	15.0365	448.1232
Buprenorphine	Buprenorphine-D4	7.937	38672	32121	1.2040	53.5078
Diazepam	Diazepam-D5	7.790	1472885	99507	14.8019	536.1491



ISP FORENSICS - Cd'A Instrument # 62340

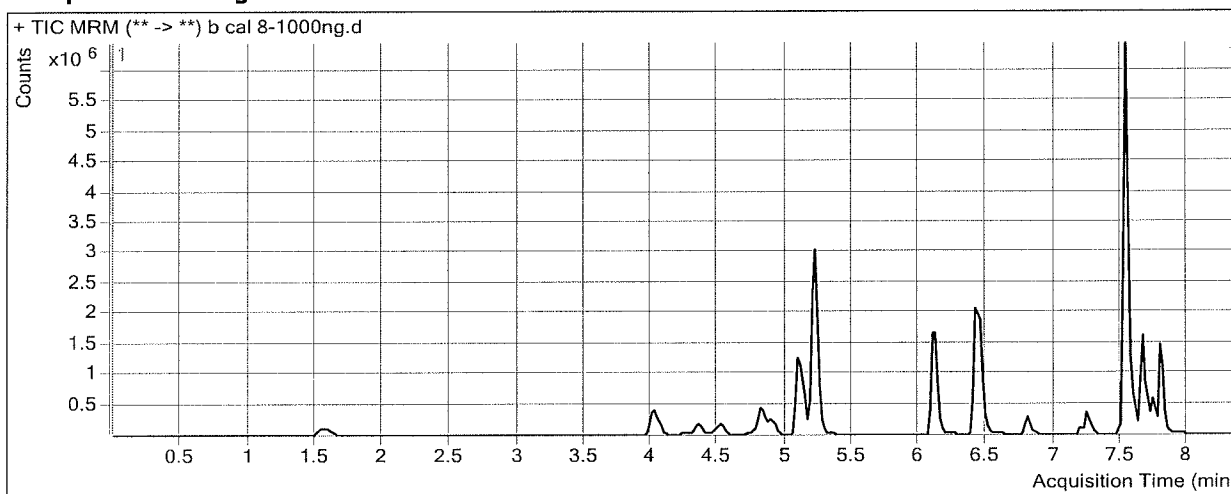
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\121917 mdq p1 and p2\QuantResults\121917 mdq p1br.batch.bin
Analysis Time 12/21/2017 10:25 AM **Analyst Name** ISP Tox
Report Time 12/21/2017 10:27 AM **Reporter Name** ISP Tox
Last Calib Update 12/21/2017 10:25 AM **Batch State** Processed

Analysis Info

Acq Time 2017-12-19 19:45 **Data File** b cal 8-1000ng.d
Sample Type Calibration **Sample Name** b cal 8-1000ng
Dilution 1 **Acq Method** Quant Panel 1b 10-2017.m
Position P1-H1 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.588	573081	24092	23.7867	1002.6602
Dihydrocodeine	Dihydrocodeine-D6	4.035	1034967	59529	17.3859	962.4719
Naloxone	Naloxone-D5	4.350	636312	52995	12.0070	968.4966
Noroxycodone	Noroxycodone-D3	4.517	587170	23341	25.1557	1013.8365
Naltrexone	Naltrexone-D3	4.810	1003299	43559	23.0330	1015.9372
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.904	574636	223178	2.5748	110.6686
Naltrexol	Naltrexol-D3	5.089	3339317	140672	23.7384	968.1595
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.219	9747940	471030	20.6950	1000.2222
Ketamine	Ketamine-D4	6.116	3377770	149977	22.5219	932.5270
Norfentanyl	Norfentanyl-D5	6.120	595700	315792	1.8864	98.5964
alpha-PVP	alpha-PVP-d8	6.427	5159366	217374	23.7350	993.7537
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.800	422019	210863	2.0014	100.5766
Norbuprenorphine	Norbuprenorphine-D3	7.073	10211	4691	2.1767	100.8175
Fentanyl	Fentanyl-D5	7.199	183259	74637	2.4553	102.5916
EDDP	EDDP-D3	7.249	705031	30617	23.0273	994.4908
Quetiapine	Quetiapine-D8	7.519	7655179	115251	66.4218	903.9190
Sufentanil	Sufentanil-D5	7.518	88831	40756	2.1796	101.1301
Cyclobenzaprine	Cyclobenzaprine-D3	7.512	464517	17873	25.9894	1024.1753
Methadone	Methadone-D9	7.522	2350033	135396	17.3567	1022.6046
Fluoxetine	Fluoxetine-D6	7.584	778286	34913	22.2921	1062.1511
Oxazepam	Oxazepam-D5	7.609	344935	14568	23.6776	1190.6518
Sertraline	Sertraline-D3	7.645	166420	7373	22.5717	1067.9147
Temazepam	Temazepam-D5	7.667	3023794	141707	21.3383	1014.0667

ISP FORENSICS - Cd'A Instrument # 62340
Multi-Drug Confirmatory Analysis Report

PI b cal 8

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Nordiazepam	Nordiazepam-D5	7.735	881166	25197	34.9712	1042.9095
Buprenorphine	Buprenorphine-D4	7.937	74279	29818	2.4911	110.9189
Diazepam	Diazepam-D5	7.790	2274141	84655	26.8636	973.1196

